

NORTHERN ILLINOIS APPLE USERS GROUP

\$2.50

THE HARVEST

VOL5-NO. 4

MAY 1984

MEETING DATE JUNE 2, 1984

10:00 am-1:00 pm Building A, Harper College

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Treasurer— Jim Murphy 312-449-3139

Secretary— Ken Rentfleish *

Librarian— Joe Zeinz 312-526-0575

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Meetings Co-ordinator— George McClarity 312-359-0283

Beginners SIG Co-ordinator— Guy Lyle 312-359-1458

*24 hr GENERAL INFORMATION NUMBER

312-844-7555

CORRECTIONS/CHANGES OF ADDRESS

Corrections/changes of address **MUST** be sent to the club secretary. Mailings are by bulk presorted third class mail. Any incorrect addresses will usually result in missed issues.

Membership is open to all. Dues are \$24.00 annually with a one time initiation fee of \$5.00 at the time of admission. Membership applications are available from the club Secretary at the meetings or by mail.

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SIG News— Ken Falter

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Interesting Bits— Chris Tufts

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60005
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LIBRARIAN----- Joe Zeinz
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60042
312-526-0575

BULLETIN BOARD----- 312-295-6926 24 hrs
SYSOP-Dave
& Joel Alpert

SUBMITTING ARTICLES

Handwritten articles are acceptable but articles on disk are preferred. Articles on a disk should use one of the following word processors: Easywriter, Applewriter, PIE or Magic Window. Use a 0 left margin and a line length of 47 characters for Easywriter and 41 for all others. Fill and right justify all text. Also supply a hard copy of the article for proof reading purposes. If your article includes a program listing please submit it on disk unless you have a printer that uses carbon film ribbon. All disks will be returned at the meeting unless requested to do otherwise.

MEMBERS AIDE

The members listed below have volunteered to answer questions from club members who need a "HOTLINE" type answer that can be handled over the telephone. Please try to be brief as a courtesy to them. PLEASE NO CALLS at dinner time or after 10 pm.

GENERAL	Paul Stadfeld	312-359-2378
TECH NOTES	?	?
BULLETIN BOARDS	Joel Alpert	312-295-6078
COMMUNICATION PACKAGES & MODEMS/TELECOM		
Apple Cat II	?	?
DC Hayes Micromodem	Joel Alpert	312-295-6078
	Tony Antonucci	312-282-8436
	Rich Lundeen	312-420-8468
DC Hayes Smartmodem	?	?
ASCII Express	Joel Alpert	312-295-6078
	Tony Antonucci	312-282-8436
	Tony Antonucci	312-282-8436
Z-pro	?	?
Data Capture	?	?
Visiterm	?	?
Source	?	?
HARD DISKS		
Corvus	*Dave Drucker	312-541-2124
	*daytime	
	Walt Hopkins	815-459-1769
Corona	?	?
COMPILERS		
Tasc	Rich McNeil	312-986-0548
Expediter	?	?
DATA BASES		
dBase II	?	?
DB Master	Max Rubin	312-674-7209
	Natalie Alberts	312-381-1530
Data Factory	Ken Falter	312-259-6474
General Manager	Rich McNeil	312-986-0548
Infomaster	?	?
List Handler	?	?
Versaform	?	?
Visifile	?	?
PFS	Byrd Dehinten	312-998-8742
	Rich McNeil	312-986-0548
EDUCATION SOFTWARE	Jim Bradshaw	312-881-7000
GAMES		?
GRAPHICS	Paul Stadfeld	312-359-2378
HARDWARE	Jim Murphy	312-449-3139
8" disk Drives	Tony Antonucci	312-282-8436
ACCOUNTING		
The Accountant	Walt Hopkins	815-459-1769
Home Accountant	Tom Grisko	312-297-0927
Time is Money	Bob Steinberg	312-677-8787
BPI	?	?
BEGINNERS AIDE	*Rich Lundeen	312-420-8468
	*Applesoft, DOS, Assembler	
	VisiCalc	
INVESTMENT	John Hoffmann	312-98-0164
INVESTMENT	Jim Bradshaw	312-881-7000
LANGUAGES		
(A)pplsoft, (I)nteger, (P)ascal,		
(F)orth, (L)isp, (M)achine code,		
A,I	Ted Rosemann	312-882-7938
A,I	Mary Rosemann	312-882-7938
P	Herb Schulz	312-968-6927

P	*Dave Drucker	312-541-2124
	*daytime	
A,I	Rich Lundeen	312-420-8468
M,A,I	Paul Stadfeld	312-359-2378
M,A,I	Guy Lyle	312-359-1458
M,A,I	Joe Zeinz	312-528-0575
M,A,I	Earl Allen	312-837-9259
A,I,P	Ken Nestle	312-620-7745
A,I	Jim Murphy	312-449-3139
A,P,C,	Tony Antonucci	312-282-8436
8080, Z80 Assembler	Tony Antonucci	312-282-8436
F	Bob Sullivan	312-383-7785
C	?	?
Logo	?	?
Pilot	?	?
SPREADSHEETS		
Multiplan	?	?
Microfinesse	*Dave Drucker	312-541-2124
	*daytime number	
LogiCalc	Peter Clarke	312-545-0974
The Spreadsh/Magi-calc	Bob Steinberg	312-677-8787
	Joe Sobel	312-398-1836
Incredible Jack	?	?
VisiCalc	Joe Sobel	312-398-1836
VisiCalc	Jay Toutenhoofd	312-359-1460
OPERATING SYSTEMS		
Apple DOS	Jim Glore	312-843-3215
	Tony Antonucci	312-282-8436
CPM	Tony Antonucci	312-282-8436
UCSD P-System	*Dave Drucker	312-541-2124
	*daytime number	
PRINTERS		
General	Terry Tufts	312-577-7381
Apple Dot Matrix	David Macaulay	312-991-4977
Diablo	Peter Clarke	312-545-0974
IDS	?	?
Epson	Tony Antonucci	312-282-8436
NEC Spinwriter	?	?
NEC 8023	Bob Steinberg	312-677-8787
	Rich Lundeen	312-420-8468
ProWriter	Tom Grisko	312-297-0927
Okidata	Peter Clarke	312-545-0974
	*Dave Drucker	312-541-2124
	*daytime number	
WORDPROCESSORS		
Easy Writer	Terry Tufts	312-577-7381
Apple Writer II	Ken Falter	312-259-6474
	Rich McNeil	312-986-0548
	Bob Steinberg	312-677-8787
Format II	?	?
Gutenberg	?	?
Letter Perfect	?	?
Magic Window	Ed Evenson	312-255-3403
	Rich Lundeen	312-420-8468
ScreenWriter II	Rich McNeil	312-986-0548
	Tom Grisko	312-27-0927
Supertext II	?	?
Apple Pie/PIE Writer	Walt Hopkins	815-459-1769
Word Handler	?	?
WordStar	Peter Clarke	312-545-0974
	Tony Antonucci	312-282-8436
GENERAL BUSINESS		
Stats Plus	Ken Falter	312-259-6474

ADDITIONAL VOLUNTEERS REQUIRED TO FILL OUT THIS MEMBER SERVICE. IF YOU FEEL QUALIFIED IN ONE OF THE SUBJECTS BELOW PLEASE CALL THE EDITOR TO HAVE YOUR NAME ADDED TO THE LIST.

EDITORIAL

by Terry Tufts

NEW HAPPENINGS

Well a number of projects got completed this month and several more to go. The Disk Library Index came back from the printer. It's a pretty impressive tome, forty four pages counting the cover. It will be in the mail in a few days as soon as the labels can be printed. Getting labels is usually a simple routine but we had a couple of near mutinies as a result of people trying to print a couple of information fields on the last set of labels. As a result we have retired Data Factory as our official membership data base. The General Manager is now being used and we will see if it is easier to use. In any case our secretary Ken is now retyping the membership into the General Manager. If the past repeats itself, we no doubt will have a month or two of teething problems until we get the gremlins out of the new database. If you find any errors on your mailing label let Ken know right away so we can get them corrected.

MORE ON THE NIAUG PMS

This month the Harvest once more will be a theme issue relating to Bulletin Boards and communications. Dave Alpert did a very good job of showing how to use the NIAUG PMS, but there is so much to learn that I am sure that much of what he showed went completely by you as it did me. Fortunately Dave passed on several articles written by Sandra Brockmann on how to use the PMS in conjunction with the ASCII Express Professional communications program. These articles are very well written and you should find them very easy to follow. They were written specifically for the Apple Bits User Group of Kansas City PMS where Sandra is the System Operator for that bulletin board. Not only is Sandra a fine writer but her enthusiasm for the subject bubbles through, making the article that much more enjoyable to read. Some of the article's examples are specific to the Kansas system, but I am sure you will see the difference once you call the NIAUG system. I left them in purposely because they were good examples and the article would suffer if

they were removed.

As an added fringe benefit we are enclosing a list of bulletin boards around the country that you can experiment with. This list is courtesy the I/O PORT, the newsletter of the Tulsa Computer Society who did the type setting and PMS Santee, associated with Bill Blue who is author of ASCII EXPRESS, ASCII EXPRESS PROFESSIONAL, and the PMS software used by NIAUG. Happy calling and many happy long distance fees.

WE GET QUESTIONS

The executive has gone over the questionnaires that are part of the annual membership renewal form. Various officers will be using different forums to try to answer the questions that each of you have asked. I will try to answer some of them here, so pay attention because we will have a test later.

STATEMENT- I would like to meet with users that run a business out of their home.....RESPONSEthere are quite a few members that are doing just that. You can meet with them in a number of ways:

1. Make a request for people to meet with you when the members section of the meeting "Ask Mr. Apple" is held during each meeting.
2. Put an Ad in the Harvest, there is no charge, and it helps your Editor fill space with useful club information.
3. Consider forming a new Special Interest Group (SIG) that would deal with the total subject and problems associated with a small business run from the home. This can easily be done with the help of the club executive, the Harvest and a little interest in the subject from your fellow members besides yourself. I'll give odds that you can find enough people to form a group and that you find that you don't have to run the group if you don't wish to. Please give it a try, it is being done in other users groups and I believe it would be a very useful addition to the club and the benefits that we offer.

Statement 2....I would like to obtain back issues of the Harvest....RESPONSE.....This is even easier to do. Just give me a call and

come over and I will dig out the issues I have. I have most issues going back at least 2 years. They are yours for the exorbitant fee of \$1 a piece. The money is welcome and I can use the space.

Statement 3....Would like to more programs in the Harvest....RESPONSE.... I'm not sure what exactly this request is for so lets examine some possibilities. We publish what our readers send us, you are our source for much of the information published. If we are not addressing your needs we may not be getting any to meet your needs. We get many other club newsletters that do have programs of one type or other. I may be passing them over because they don't personally interest me. I can use your guidance on your needs, drop me a line and let me know what you would like to see or better still I will let you read the exchange newsletters and select articles that I should be publishing for the general benefit of us all.

Statement 4....I would like to make contacts so that questions can be asked outside of the

meetings.....RESPONSE....once more there are four ways to do this.

1. Use the "Ask Mr. Apple" section of the meeting to ask someone to meet you.
2. Put an AD in the Harvest, the price is right and you will get amazing response.
3. Call someone on the "Hotline" concerning the subject that you have an interest or question on. Most of these people will have an answer for you or can refer you to someone who will be able to help you.
4. Put a message on the NIAUG PM System, asking for assistance.

If you have questions, thoughts comments about the club let us know and we make sure you get a response. Remember the Harvest is your communication medium and you may be asking a question that may also help someone else as well.

March 14, 1984

Terry Tufts, Editor
The Harvest (N.I.A.U.G.)
1015 S. Ridge Ave.
Arlington Hts, IL 60005

Re: Worlds fastest Basic Sorter

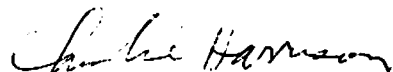
Dear Terry,

The sort routine listed in the March '84 issue of the Harvest is indeed quick. However it is not a sorter but an alphabetizer. It can't handle numbers or symbols.

The fix is an easy one. The dimension for A in line 60 should be changed to 128 (up from 26 which handles only the uppercase alphabet). The "--64" needs to be eliminated from line 70. The for-next loop in line 80 needs to be changed to 128 (replacing the 26).

Better still, sorting time does not appear to be affected.

Sincerely,



Charlie Harrison
Member

ELLIS J. NEIBURGER, D.D.S.

1000 North Avenue

Waukegan, Illinois 60085

CH 4-0292

4.6.84

Dear Terry

A letter to the editor 'comment' regarding
Rob Stewart's DATA COMMUNICATIONS, which
appeared in 4/84 Harvest.

I disagree with his statement that you must
notify Ma Bell that you have a modem. It
is not necessary. A few years ago, before
the "law" was changed, this was necessary. Today,
you can hook anything that has ~~an~~ FCC Number
to your system without permission. This includes
modems, Kmart telephones, answering machines, etc.
If you really want to call Ma Bell and ~~the~~ tell
her anyway, you will probably receive a
"modem what?" reply.

Skip Neiburger

Washington Apple Pi



8227 Woodmont Avenue, Suite 201
Bethesda, MD 20814
(301) 654-8060

Harvest
Terry Tufts
1015 S. Ridge Avenue
Arlington Hgts. IL 60005

March 24, 1984

Dear Terry:

We would like to be able to offer our 4000 members timely information on events of interest to microcomputer owners in general and to Appletm owners in particular. News of troubles and triumphs of both user groups and individual members, state and local government activities affecting micro owners, problems of ownership, themes and dates of forthcoming meetings (our members do travel a lot!), all would be appreciated, and used in what we hope would be a monthly column of our journal.

I am aware that some of that information appears in the newsletters and journals we receive in exchange for the Washington Apple Pi. Unfortunately much of that information, often received after our deadline and (thanks to the Post Office) sometimes already stale on receipt, is not timely enough for inclusion in the PI.

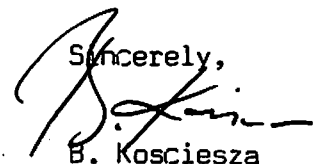
We will welcome communications both from the Harvest and from individual members. Letters and tearsheets of news stories (please make sure the paper and the date are clearly identified) will both be appreciated. In all cases proper credit will be given to the sources. We will not be able to use any items to which we cannot attach the name of a source, or material we may fear to be libelous. We would appreciate your publicizing this request among your members, and we are eager to reciprocate for your cooperation in a suitable manner.

The material should be sent to:

Bob Kosciesza
c/o Washington Apple Pi
8227 Woodmont Ave., Suite 201
Bethesda MD 20902

The deadline for receipt of the material is 25th of each month.

Sincerely,

A handwritten signature in dark ink, appearing to read 'B. Kosciesza'.

B. Kosciesza

OPEN COMMENTS ON PETER McWILLIAMS IN THE
TRIBUNE

Subject:

Newspaper column "Personal computers"
Chicago Tribune, Sunday, March 25, 1984

Peter used the headline "Three programs for the draft-bored" and reviewed three different programs. Each program was designed for a different purpose. He identified these purposes as drafting reports, diagrams and dBase programs. It is only the first of these that I would like to address here.

It is no secret to anyone who has read a few of Peter McWilliams' articles that he has no love for Apple Computer. Other than the fact that he sometimes allows this dislike to creep into his articles, and sometimes approaches this personal dislike with open hostility, he still presents a lot of computer oriented information in a reasonably pleasant writing style. Suffice it to say that I enjoy reading his column and usually overlook his personal (emotional?) anti-Apple comments.

All that aside, I felt that he has now allowed, over a long period of time, a degree of tunnel vision to develop. Could it be possible that just because it comes from Apple it must therefore be either ignored or be put down?

Let's assume that for this article the decision was to ignore. Peter reviewed a software package called COMPARE II which allows you to compare a second, third, fourth (etc) draft of whatever you might be writing to a previous draft to keep track of the most recent changes and to compare the differences.

Granted, this program somehow points out the differences between the two drafts, but since the program costs \$145.00, what would we who already own Apple Writer II gain by buying it? (Has Peter ever reviewed this program and since it is an Apple product, if he did review it, did he have anything positive to say about it)?

Consider the fact that we can save as many drafts as we want on disk(s) and LOAD them at random for review and modification to our hearts' content. But, you ask, how can we modify a previous draft and still be able to compare the latest revision to the unrevised copy? The obvious answer would be to print a copy of the draft LOADED from disk and compare your work on the monitor to the printed copy. A less obvious answer, and one that seems to be seldom used, is to use the Split Screen feature of Apple Writer ([Y]). With Split Screen we can make revisions to the work copy while the unchanged reference copy is displayed on the same screen.

We could now kick around the limitations of this feature, but, I'm sure you will agree that all programs have their limitations. I'm sure that COMPARE II has some. The point I am trying to make is Apple Writer has been around for a while and most of us don't use it to the fullest. If we jumped at the opportunity of spending \$145.00 every time a new word processing program is offered we would soon run out of storage space and would have succeeded in duplicating various features, repeatedly. Further, since we have already made an investment in a word processing package, additional investments (by the hundreds of dollars) isn't the only alternative for improving our processing capabilities.

If I must close by making a point, let it be this; whatever programs you might use, go back to the manuals from time to time, you might discover some untapped processing power that you may have over-looked. Also, keep reading Peter McWilliams' column. Who knows, maybe he will use one of the word processing programs that he reviews to finally say something positive about Apple and its' products.

Pres Says.....

Busy, busy, busy. I didn't know how busy I could be.

Dues. Dues will remain at the same level (\$24.00 per year). At the request of the Treasurer and Secretary, we are changing to a MONTHLY membership program. This will still mean that all current members will still renew in January, but with the projected increase in members we expect there to be significant spreading of the renewal job throughout the other 11 months. A FULL FAMILY MEMBERSHIP will remain \$24.00 but will now be for 12 months, not 1 year. FULL FAMILY MEMBERSHIP will entitle the member family to all rights of membership, and 1 VOTE in elections. Full members are located within the area around our general meeting location, and therefore part of their dues help offset the cost of the general meeting facilities.

The officers have also voted to establish an additional class of membership. ASSOCIATE FAMILY MEMBERSHIP dues will be \$18.00 per year (12 months as above). They will have all rights of membership EXCEPT they will have NO VOTING RIGHTS. Additionally, ASSOCIATE memberships will be available outside an extended Chicagoland area. We have determined that members in counties within approximately 60 miles of Palatine Illinois will require FULL membership. Outside of these counties, only ASSOCIATE membership will be allowed. This will reduce the cost to members who cannot attend general meetings under normal circumstances. Unlike CALL APPLE, we do not wish to charge our members for facilities if they will probably never be able to use them. If they can, on occasion attend, great!

Suburban. All the officers, myself included, are interested in this prospect. I think that this concept should be looked at very closely. The UG has the necessary funds and cash flow to pay for additional major meeting facilities. Initially I see only 1 major, and possibly insurmountable, problem with this proposal. Who among you would be willing to coordinate the Sub-Group? The current volunteers have

Anyone who believes they may qualify for an ASSOCIATE membership, please contact Jim Murphy for verification. If you qualify, your existing membership will be extended 3 months.

Thirdly, we have established an ADDITIONAL NEWSLETTER SUBSCRIPTION. This is available to existing FULL or ASSOCIATE members only! The address need not be the same, but the subscription MUST BE SENT TO AN IMMEDIATE FAMILY MEMBER. This subscription will be prorated to coincide with the original FAMILY MEMBERSHIP period. Anyone interested, please contact our TREASURER, Jim Murphy, at the next general meeting for the appropriate form and charge.

The MACINTOSH SIG is forming. See the back cover for details.

We would like to talk to anyone with an APPLE III, regarding the 'Apples in a Corner' meeting and also SIG establishment. Contact Jim Glore with any questions or suggestions. We also would like to hear from anyone willing to discuss their III at a general meeting, or at a III Beginners SIG.

We have got to have someone to coordinate the ANNUAL PROGRAM CONTEST. It will not be very time intensive, we just need someone who will be a focal point for the other volunteers.

I think the BY-LAWS will be out next month. With any luck, the POLICY Manual at the same time.

A number of members have suggested that NIAUG establish sub-groups to hold general meetings in other locations. IE: North Shore; Indiana; Southwest all we can do to manage 1 general meeting per month. We will continue to perform all the other duties but we must have a SUB-GROUP COORDINATOR to arrange and plan the other general meetings. One coordinator for each separate meeting location. Please step forward and volunteer. We can give you everything you will have to do, only you will have to be the one to do the work. Figure about 4 hours per month outside of the

monthly Planning Meeting, plus the time at the remote meeting.

Any comments or suggestions are always welcome. We can't read your minds. You have to take the time to tell us.

Rob Stewart, CDP
President

For Beginners Only - PMS

by Sandra Brockmann

THE APPLE BITS USER GROUP OF KANSAS CITY P M S

PMS stands for 'People's Message System. It is a bulletin board system designed for access through the telephone lines. On this system a caller can send and receive mail both public and private. A caller can 'download' feature articles, lists of other message systems, programs or whatever else happens to be on the system at the time. A caller can also 'upload' any type of ASCII based files directly to the system.

The following information has been taken directly from the ABUG PMS and is printed here to 1) assist any new callers to the system and to 2) re-fresh the memories of those of us who have been on ABUG PMS for awhile.

For new users: COMMAND? is the prompt you get on PMS - the character or characters following COMMAND are the ones you would type to receive the information in that file.

* * * * *

COMMAND? ?

System Commands

E = Enter a message into system.
F = Features, articles, excerpts.
G = Goodbye. Leave system. (hangup)
H = Help with various functions.
I = Information about system.
K = Kill a message from the files.
M = Message alert. Messages for you?

N = News -- System news.
Q = Quickscan of non-pvt msg headers.
QP = Quickscan of all msg headers.
R = Read messages on bulletin board.
S = Scan of non-pvt msg headers.
SP = Scan of all message headers.
SR = Selective message retrieval.
T = Time, date and connect time.
U = User modifiable system functions.
X = eXpert user mode. (on/off toggle)
Z = Continue message entry after abort
? = Prints list of commands.
* = Flagged message memory retrieval.

A14 = ABUG meeting
A13 = Gallimaufry
A11 = Local MODEMS
TEST = Modem test loop
GENERAL14 = Download
GENERAL15 = Upload
NEWCALL = File for the new user

COMMAND? NEWCALL

Welcome to ABUG PMS, Kansas City! The NEWCALL file is designed to help those of you who are not familiar with the operation of PMS. Your time on PMS will be used more efficiently if you take note of the many shortcuts available on the system. This file also provides the answers to the most frequently asked PMS questions. For further HELP type H at the Command level...

READING MESSAGES ON THE SYSTEM:

There may be as many as 90 messages on the system. Some are private and cannot be read unless they are addressed to you. The public messages can be read by anyone.

At the Command level:

R displays range of message numbers

R# (R# = first msg. # on system) allows you to read thru' all the public messages. (R15226+)

RP# lets you read all the public msgs. on the system and shows you the headers of the private messages ...where # is the number of the first msg. on the system (RP16663+)

S1 scans thru' all public msg. headers starting with the first msg.

S99999 scans thru' all public msg. headers starting with last msg. on system

SP1 scans thru' all message headers starting with the first message

SP99999 scans thru' all message headers on the system starting with the last message

QS1 'quickly scans' thru' all public msg. headers starting with the first message on system

QS99999 'quickly scans' thru' all public msg. headers starting with the last message on the system

QP1 'quickly scans' thru' all msg. headers on the system starting with the first message

QP99999 'quickly scans' thru' all msg. headers on the system starting with the last message

When SCANNING messages with S or Q and you see a message you are interested in reading, type an

----> R <----

as you read the header.

This will FLAG the message with an *. When finished scanning, type an

----> * <----

and the flagged messages will be read to you in sequence.

-> ? <- at the Command level will display a list of PMS commands

-> X <- at any level EXITS you back to the Command level

-> K <- will KILL your participation in any level and take you to the next logical operation - during message reading K will jump you to the next message

REPLYING TO MESSAGES:

When you see the MORE-- prompt at the end of a message, typing R will allow you to reply to the SENDER of that message. You fill in the SUBJECT: . The TO: and FROM: are filled in for you by PMS. Typing A at the MORE prompt will allow you to re-read the message.

When you want to REPLY to a message addressed to you, hitting a

CARRIAGE RETURN at the SUBJ:

prompt will cause the program to add an R/ to the existing subj. heading. The subject heading cannot be longer than 30 characters.

KILL THIS MESSAGE (Y/N/A/U):

The above prompts are displayed after you read a message addressed to you.

A=read this message AGAIN

N=NO, do not delete this message

Y=YES, remove this message

U=UNMARK this message so it won't be in my message file when I sign on the system again. U puts a ! before your name in the message header, indicating you want others to see the message.

DO YOU HAVE A REPLY (Y/N):

The (Y/N) prompt is displayed right after you finish with Y/N/A/U(above).

N=answers NO and takes you on to your next msg. (or Command level)
Y=indicates you want to answer the message. Here you are greeted with the SUBJ: header at which point you can either type in a new subject or hit CARRIAGE RETURN which will add the R/ to the existing subject header.

-> SR;xxxxxxx <- SELECTIVE RETRIEVAL

Typing SR; followed by a name or a subject or a date will retrieve the specific messages from the system.

SR;APPLEWRITER SR;TOM

-> 0;xxxx <---

Typing O at the Command level will take you to the OTHER SYSTEMS LIST. The O list is very long. If you want to view only the PMS numbers on the OTHER SYSTEMS LIST you can retrieve those numbers by typing O;PMS at the Command level. Any other string can be used for retrieval of selective material.

O;(816) O;(913) O;ABBS

ENTERING MESSAGES

At the Command level, typing E will let you ENTER a message. You will be asked to fill in TO: and SUBJ: . The FROM: is filled in by the program. Presented with line # 1, you begin typing until the system indicates 'end of line' with a beep. A CARRIAGE RETURN takes you to the next line . . . and so on. After the message is entered a RETURN will display message entry prompts.

A=ABORT message
C=CONTINUE entry of message
D=DELETE line
E=EDIT line
H=HELP with message entry functions
I=INSERT a blank line
L=LIST lines (LN list, no line #'s)
S=SAVE completed message to disk
W=reWRITE an old message

DOT COMMANDS

Any of the above commands can be entered as dot (.) commands on a new line in the message being written...

.L5 will list message starting with line #5
.LN will list the message without line numbers
.D6 will delete line 6.
.E4 will allow you to edit line 4 (/old way/new way/) (C/R) (C/R)
.S will allow you to SAVE/SEND the message

LOCK AND LOCK

After typing S to SAVE/SEND your message, you are presented with this:

Password (4 Chrs. max.). If you

want the message to be a PUBLIC message type any four characters and the msg. is saved.

TO SEND A PRIVATE MESSAGE:

LOCK will lock your message. It can be read only by the person to whom it is addressed.

Do this:

Password(4Chrs.max.)you type: LOCK
Password(4Chrs.max.)you type: 4 chrs.

LOCKX will also lock your message.

The message can be read by

1. the person to whom it is addressed IF he has signed on with his PMS ID, or
2. any person knowing the exact four characters you used when LOCKing this message.

Do this:

Password(4Chrs.max.) you type:LOCKX
Password(4Chrs.max.) you type:4 chars.

TALK

If you have a question, or need special help, you can, at the Command level, type TALK. If the sysop is available to answer questions she will respond to the command. This option should not be used for casual afternoon conversation (as it ties up the system)...if the sysop does not respond to the command after a try or two, write your question in COMMENTS when you sign off PMS.

I hope this revised version of NEWCALL is helpful to you all. If I have missed any important commands, please feel free to leave me a COMMENT at sign off and I will try to make additions to the file.

This system is run by and supported by
->THE APPLE BITS USER GROUP OF K.C.<-

COMMAND? U

--->> System modifiers

A = Apple 40/64 column mode. (toggle)
 C = Case switch. UPPER/lower (toggle)
 CS = Clear screen. Type char or N=none.
 D = Duplex switch. Full/half (toggle)
 L = Line feed switch. On/off
 N = Nulls. Set as required (0,100)
 P = Prompt. Change current sys prompt.
 T = Video/Printer term mode. (toggle)
 PAR = Set word length/parity/stop bits
 STAT = display current system status.

COMMAND? F

* FEATURES * Updated March 18,1984

*-Features Updated Regularly

Author/Article	Type This
1/8th Scale Racing	A15
FBO-Copy II Plus	A12
ABUG Seminars	A8
More Black Market Macs	A22
For Sale *	A21
Doms-Deare Apple	A20
Compuserve Index N-Z	A19
MO. Driver's Test-Humor	A18
Int. Apple Core (Monthly) *	A17
Byers-Epson Linefeed Fix	A16
Apple Bits Meeting *	A14
Gallimaufry (Sysop Col. #8) *	A13
Modems in the K.C. Area *	A11
Fix for Applesoft Renummer	A10
Black Market Macs	A9
Vanderpool-Printer Ctrl Codes	A7
Apple Seizure	A3
Epson WordStar Patch	A2
Brockmann-Uploading on PMS	A1

*

COMMAND? N

Last update of ...

...DOWNLOAD (General) 7-Jan-84
 ...FEATURES (F) 18-Mar-84
 ...GALLIMAUFY (A13) 24-Mar-84

SYSTEM NEWS

March 17, 1984

Next Meeting:

Apple Bits...April 10, 1984
 Featuring PRODOS.

We thank Personal Computer Center for their demonstration of the Macintosh at our March meeting. MRI was packed for the occasion. It is nice to have a store come in and demonstrate without a 'sales pitch'. Thanks.....

-----> NEWCALL is updated. New and old users of PMS should all take the time to read NEWCALL !

How to Join the Apple Bits User Group:

1. Make check payable to ABUG
2. Send check (\$20.00) to:

ABUG

% S. Brockmann

51 East 54th St.

K.C., Mo. 64112

3. Indicate kind of computer
4. Is membership NEW or RENEW ?

ID INFORMATION IS AT THE END OF NEWS!

MODEMS LIST

TYPE All

Personal thanks to Tom Byers and the Hoffmans for all the help they have given me at our monthly meetings.

Plans are being made for a some of the club to attend APPLE/IBM FEST, May 3-6 in Chicago. Train fare is \$96 RT. If you are interested please let the sysop know...we are tentatively planning to leave on the 6:55 (ish) a.m. train on Friday morning, May 4.

FEATURES---Features an IAC column which will be updated monthly. ABUG is a club member of the IAC. Individual memberships are now welcomed by the IAC (International Apple Core).

Type A17

SEMINARS - typing A8 at the Command level will introduce you to the new series of seminars offered by ABUG. These seminars are being offered by club members who will donate their time and expertise to give others an in-depth look at various programs.

ABUG PMS has only ONE phone line! It is true that we have two telephone numbers. 523-0304 is our DIRECT line. 341-3502 is call forwarded to PMS thanks to the generosity of Beatty Electronics.

SYSOP COLUMN

Type A13 for the sysop column on programming tips, Apple information, new products, good companies contributed...and...non-contributed various and sundry items of interest.

LOCAL STORES TAKE NOTE !

It is the policy of the Apple Bits User Group to have club members demonstrate computer products at our monthly meetings - we feel that by having a 'real user' demonstrate a product we are giving a more realistic overview of that product. If you, as a local store, wish to have software or hardware demonstrated please contact an ABUG board member (numbers and names are found in the newsletter) or leave the SYSOP a message on PMS.

DO OUR ABUG MEETINGS SERVE YOU?

Dennis Doms is the ABUG Member at Large - he is in charge of scheduling the speakers for each meeting and he needs to know your main areas of interest. If YOU have a piece of software you would like to share with the club - or if you are particularly knowledgeable in some computer related area please leave Dennis a message in the main message file!

(NOTE)* We clean up MRI after each monthly meeting - we stack the chairs, mop the floor and wipe the fingerprints off the door! We clean the coffee pot, collect the trash and put the entire room back in order. Bill Jellison, a member, who happens to work at MRI, has graciously co-ordinated this clean-up (which means he has done most of it himself).

Do not volunteer! Just pitch in and help - your kindness will be appreciated.....

PMS has, on the average, around 60 callers a day. Spend as much time as you need to on the system but please remember that others are on auto-dial waiting their turn! There are still only 24 hours in a day and the system is running full round the clock!

EVERY MONTH, AT THE ABUG MEETING, WE SELL:

MAGAZINES.....2.00
 DATALIFE DISKETTES (BOX OF 10)...27.00
 VEREX DISKS (BOX OF 10)...21.00
 LOOSELEAF PGS.10 PACK...10.00
 CLEANING KITS FOR DISK DRIVES..5.00
 DISK OF THE MONTH ...4.00
 MEMBERSHIPS (NEW OR RENEWAL)...20.00
 PRIOR DISK OF THE MONTH...4.00

USER ID'S

User ID requests will be taken into consideration from any users of this system. ABUG members will have priority in receiving ID's. Others will be based on 1) an 'as available basis and 2) note will be taken of the care and consideration with which you have used this system in the recent past. NOTE-the number of available ID's are limited so if you are not an habitual user of the system your ID will be re-assigned to another user. Habitual, in this case, refers to at least once a week.

REQUESTS FOR USER I.D.'S-INSTRUCTIONS

If you are an Apple Bits User Group member, leave the following information in the COMMENTS file when you log off PMS:

1. NAME
2. ADDRESS
3. ZIP AND PHONE NUMBER
4. 4 LETTER PASSWORD
(which password you will need to unlock your ID message)

If you are not an ABUG member please send the above information to the SYSOP via the US Mail.

ABUG-SYSOP

% S. Brockmann
51 East 54th St.
K.C., Mo. 64112

After processing the above information I will leave you your ID in a message which will be locked with your four letter password! You must know that password to unlock and read the message. If, for any reason, an ID cannot be issued at this time, I will leave you a message explaining why.

Only ONE ID per family!

Please use the system for a month or so before you ask for an ID...too many of our callers ask for an ID, have it issued and never come back to 'collect it'!

This Peoples' Message System is a service of the Apple Bits User Group of Kansas City.

HAPPY COMPUTING
AND
PRODUCTIVE PROGRAMMING
AND
ENJOY PMS
!

COMMAND? H

You must specify H; followed by the command you want help with. Example: H;all, or H;e etc. Here are the categories you have to choose from:

Help on:	Type:
System controls	H;ctrls
System commands	H;cmds
Message entry	H;enter
Entire helpfile	H;all

The preceding commands START reading at the specified point and continue to the end of the file. When you've read enough, just type 'K' to abort.

Other commands you can get help on are:

B,E,G,H,K,M,O,Q,R,S,SR,T,U,X,? and *

COMMAND? I

----> General Information

This system is a service of the Apple Bits User Group of Kansas City.

Apple Bits meets the second Tuesday of each month at the Mag Hall, on the grounds of the Midwest Research Institute. The regular meeting starts at 7 P.M. and a group of new users meets at 6 P.M. Everyone is welcome to attend the meetings and information about joining may be obtained at the meeting.

More info may be obtained by typing 'MEETING' from the command level.

----> System Information

This system consists of a 48k Apple II computer with the addition of several machine language routines

added in an EPROM to support nonstandard functions and to increase program efficiency. The Hayes Associates Micromodem card hardware is used to support the interface between Ma bell and the computer. The micromodem software, however, is not used. Instead, a very unique machine language I/O system has been developed specifically to support this type of software. It allows an intelligent input/output control system and foolproof carrier detect status. This prevents the system from ever getting "confused" or losing data as a result of lost carrier or caller abuse.

Time and date are automatically supported by a Mountain Hardware Clock card. This device has proven to be very reliable and accurate. It provides the necessary login time and date, time since logged on, time since last keypress and checks to see if your maximum time per call has been exceeded.

Disk storage in this particular implementation is supported by three Apple 5.25" drives, operating under Apple DOS 3.3.

----> Program information

The main bulletin board program is written mostly in Applesoft basic, and part in machine language, where speed or total system control is required. Most of the machine language routines are on EPROM or additional RAM card, while others are "mapped" into "free" memory locations some of which even trade off with each other to utilize to the fullest, a very limited workspace. This is all done very quickly and is completely invisible to the user. The main program is roughly 24k of BASIC code with an additional 3k of 6502 machine code in support routines.

----> Software Availability

This software was designed and implemented by Bill Blue and is

available for others to operate. Contact PMS Santee, CA, the headquarters system at 1-619-561-7277.

----> System Hours

This system is online 24 hours a day at (816)523-0304 . . . except during storms when lightning might damage the system.

Mail may be addressed to:

SANDY BROCKMANN
SYSOP-ABUG PMS
51 EAST 54TH ST.
KANSAS CITY, MO. 64112

Please include a SASE if you would like a reply by return mail.

PMS - THE PEOPLE'S MESSAGE SYSTEM

Part 2 by Sandra Brockmann

Although PMS is an extremely friendly program to use there are areas within the program that give all of us problems from time to time! For the old and the new user UPLOAD seems to be a major problem. Either we don't know it exists or we don't know what to do with it once we find it. What follows is a short lesson, with very explicit instructions, on how UPLOAD.

- | | |
|-------------|-----------------------|
| 1. You see | COMMAND |
| 2. You type | GENERAL |
| 3. You see | PLEASE STAND BY |
| 4. You see | WHICH PROGRAM # |
| | ('M FOR MENU ') |
| 5. You type | M |
| 6. You see | 13 OPERATION USERID |
| | 14 OPERATION DOWNLOAD |
| | 15 OPERATION UPLOAD |

'EXIT' TO END
'MESSAGE' TO RESUME
BULLETIN BOARD


```

7. You see          WHICH DO YOU WANT
8. You type         15
9. You see          WELCOME TO OPERATION
                        UPLOAD
                        WOULD YOU LIKE INSTRUCTIONS

```

10. You type N(FOR NO)

(If we were to read the instructions we would learn that UPLOAD allows the PMS user to send files/programs/whatever to PMS! These files are then captured on disk and can be used by the System Operator (SYSOP) in the feature section or the DOWNLOAD section of the system - or you might want to send a file to the SYSOP directly - this is the way to do it!

An **UPLOADED** file can be no longer than 800 lines and no line can contain more than 160 characters. A message should be left in the main message system telling the **SYSOP** what you have **UPLOAD-**
ED and why. The commands you use are:

```
.START (to start uploading)
.SAVE (to save your file)
.ABORT (aborts the effort)
FRE (space on disk)
END (done!)
```

DO THIS TO TYPE DIRECTLY FROM KEYBOARD
INTO UPLOAD

```

11. You see      COMMAND
12. You type     .START
13. You see      DO YOU NEED A PROMPT?
14. You type     Y(YES)
15. You see      DEFAULT IS ?
                  C/R TO ACCEPT, OR TYPE
                  ASCII VALUE OR CHARAC-
                  TER OF YOUR CHOICE.
16. You decide you like the question
    mark as a prompt and you hit the
    carriage return
17. You see      READY
18. You see      ?
19. You start typing whatever you want
    the system to receive from you. At
    each line you will be prompted by
    a question mark and when you are
    finished, at the final ? .....
20. You type     .SAVE
21. You see      WHAT NAME TO SAVE UNDER
22. You type     FILENAME

```

```

23. You see      SAVING FILE TO DISK ...
                  # LINES SAVED
24. You see      COMMAND? You type END
25. You type     MESSAGE to exit upload!

```

DO THIS TO UPLOAD A FILE ON DISK THRU
AEPRO

26. Repeat steps 11-17 above
27. At the prompt(?) do a CTRL Q
28. You type S(SEND)
29. You see FILENAME
30. You type NAME OF FILE ON DISK
31. You see (S)TANDARD/(P)ROTOCOL
32. You type S
33. You see (L)INE OR (C)HARACTER
34. You type L
35. You see PROMPT
36. You type ?
37. Your file is now being upload to PMS
38. When it is completed-at the prompt
39. You type .SAVE
40. You hit RETURN You type END
41. You type MESSAGE to exit upload

(Now we all should know how to UPLOAD to PMS. If you want to try this sometime you should know that it is very easy - and we can always use good programs or good articles for PMS! So find some good files and send them along and next month I will teach us all how to DOWNLOAD everything that we have now UPLOADED! If you need some extended time to learn PMS and to experiment with the system, the hours from 9:00 a.m. to 10:30 a.m. are generally quiet ones on the system...and if you have something really important to UPLOAD please have a copy of it on disk. Tonight when a fuse in the house blew out I lost half of this article, the person UPLOADING a great article got hosed, and the world just stopped for a few horrible minutes!)

Sandra Brockmann
Sysop

FOR BEGINNERS ONLY - ASCII EXPRESS "THE
PROFESSIONAL" - PART 1

by Sandra Brockmann

(If you think, like I thought, that your bare Apple][plus is enough to keep your brain busy forever you are right! But, if you are like some of the rest of us your bare Apple has just whetted your appetite for more and more and more. Soon enough you have your first new card in your APPLE and that gives you the chance to pop the top off your APPLE where you explore the motherboard and the inner workings of the computer. Then it is another card and another - and soon the slots are full and you are wondering when you are going to break down and buy some sort of peripheral device for more cards. And, perhaps, you have (with great fear and trembling) finally drilled a hole in your case for an uppercase/lowercase switch. APPLE applications go on and on and on. The wonder! of it . . . the joy! of it . . . knowing that it will never cease . . . knowing that manufacturers are scurrying to supply APPLE lovers with things we have yet to dream of buying! I was an innocent APPLE owner once. Until I went to an ABUG beginners meeting, that is. I had a bare Apple once! Until I went to an ABUG beginners meeting! There it was hinted at. There it was discussed.

There I realized the monumental importance of SLOT 2.

If you think that playing 27 holes of golf in a day defies all logic, if you can't understand someone spending the time putting a model together, if you think spending hours on a grassy field chasing a pigskin covered ball is a waste of time - judge not, until you fill slot 2! Once slot 2 is filled - once your computer table is filled with new phone wires and a little black modem box - once your charge account is switched from the local clothing store to the local computer paper store - you will understand what true enjoyment can come from spending incredibly long hours doing something just for the pure FUN of it.

Don't mention my name. Just ask around. Go to a beginners meeting and talk to Tom Vanderpool . . . mention 1200 baud to

Wood Dickinson or Keith Savastano, or to Tom. Drop the phrases 'AEPRO' and 'Compuserve' and 'auto-answer' at your next computer gathering . . . and watch the eyes around you get glazed over - watch the little knowing smirks and smiles . . . watch the yawns struggling to get out from the sleepy modem user's mouths!

Don't get a modem. Don't get ASCII PRO! You will fall in love all over again. If you think (and your family thinks) you and your APPLE are inseparable already - just wait until some modem user convinces you that you NEED a modem. You will be truly wedded to your computer room - and to the phone system - and to paper purchasing - and to the incredibly fascinating, stimulating, scintillating and enervating world of communicating with the world, via your APPLE.)

For the purpose of this article we will assume a Hayes Micromodem II board plugged into SLOT 2 of your APPLE, connected to the Hayes Microcoupler, connected to a telephone line along with AEPRO in DRIVE 1 and an initialized disk in DRIVE 2 or an initialized disk ready to replace the AEPRO program in DRIVE 1 (if you only have one drive).

READY:

1. Boot up your system with the SYSTEM MASTER and run COPYA.

Use it to make a copy or two of AEPRO. Put away your system master and your AEPRO original and boot up your system with a copy of AEPRO.

2. Answer the question concerning upper and lower case with a Y or a N depending on your own system.
3. Select a number from 1-9 corresponding with your modem type.
4. Select a number corresponding to the SLOT in which your modem card is plugged (in my case it is slot 2).
5. Hit return

SET: NOW YOU ARE READY TO DIAL A NUMBER

1. Type D(dial) - you will see 'number?'
2. Type 341-3502 - hit return
3. You will see:
 - AE: Dialing: 341-3502
 - AE: Waiting to connect .

4. When the connection is made you will see:

AE:Term

GO: NOW YOU ARE CONNECTED TO APPLE BITS PMS

1. Hit return
2. You will see
 - PMS - Apple Bits, Kansas City, Mo.

3. USERID (N=NONE):type N

if you don't have an ID on PMS.

At the next prompt type

Name
City
State
Telephone #

4. If all of the information entered is correct type Y(yes)

5. You will see:
 - Logging caller # and the current time

Type "N" for System News
Type "?" for Commands

6. Just for now, so you can get some idea how people use the system to send messages to each other, at the COMMAND level type R and hit return.
7. You will see the numbers of the messages on the ABUG system in ()'s.
8. Type the # corresponding to the number of the first message, follow the number with the + sign, hit return
9. Mail to and from PMS (People's Message System) users will scroll by!
10. When you want to interrupt your reading of a message and go on to the next one just hit K.ll. Hit the X to exit out of reading messages entirely. x will almost always, in PMS, put you back at the COMMAND level at which point you can select other PMS options.

12. This time, at the COMMAND level, type OFF;N (which means you are signing off the system with N(No) comments to the system operator (sysop)).

13. Your connection should now be terminated and you are ready to enter:

THE EDITOR OF AEPRO

1. Type Y to enter the EDITOR mode.
2. The editor is made up of commands which always start with a period (.).
 - .c - clear buffer
 - .d - delete lines
 - .e - edit line
 - .f - free space/buffer status
 - .g - get (filename) from disk
 - .h - display the help menu
 - .i - insert lines
 - .l - list lines
 - .m - set right margin
 - .o - send to printer
 - .p - put (filename) in buffer to disk
 - .r - reset to maximum memory
 - .s - string search
 - .x - exit editor
 - . - search for next occurrence

3. Let's simply learn by doing it! It's easier that way!!

a. Hit .l(list lines) and watch the lines captured in your AEPRO buffer scroll by. If you want to stop a minute and read the text just hit the space bar. To

start the scrolling of lines again hit the space bar again. When you have seen enough lines go by get out of the .l(list lines) mode by hitting

return
Practice

.l(ing) and stopping with the space bar . . . to go faster tap the right arrow key a few times, to slow down hit the left arrow key

a few times. If we .l4 we start listing with line 4. If we .l67 we start listing with line 67. Return gets us out of .l!

b. Hit .d(delete)0,9 and return and we have deleted lines 0-9. .l(list) again and our first line is now what was line #10 a minute ago. Hit return and we are ready to .d(delete) again. This time .d5,67. A big chunk of lines have been deleted (if you remembered to hit return to complete the transaction). If you .l again you can start listing at any point. Note that each time we delete lines the lines are renumbered. So you can't be tricky and decide to delete lines 4,78,187 and 209. AEPRO won't let you. You delete lines using the coma between two numbers. The coma means 'including all the numbers inbetween'!

c. Hit .p(put filename to disk) followed by a filename and drive designation (i.e. .pmodem,d2 will put all the stuff in your buffer on the disk in drive 2 under the filename modem). If you only have one drive make certain your AEPRO disk is beside the computer somewhere and your blank but initialized disk is in drive 1 and type .pmodem,d1 and that file will go to the disk on drive one.

d. Hit .cy(clear the buffer? yes) followed by a return and your

buffer will be empty. To check this out just .l and you will see you have listed nothing.

e. Hit .g(get filename from disk) followed by the filename and drive designation (i.e.

.gmodem,d2 will get you the file called modem from your disk in drive 2).

.P(PUT) AND .G(GET) ARE THE PARALLELS OF OUR COMMON APPLE COMMANDS - SAVE AND LOAD.

f. Hit .e(edit line) and you can play with any line the number of which you designate after the .e (i.e. .e5 will allow you to edit line 5). There are special characters which we can use in editing lines to move around, they are:

- 1) ctrl A - moves cursor left one word
- 2) ctrl F - moves cursor right one word
- 3) ctrl S - moves cursor left one character
- 4) ctrl D - moves cursor right one character
- 5) ctrl X - moves cursor to beginning of line
- 6) ctrl C - moves cursor to end of line
- 7) ctrl P - prefixes the insertion of a ctrl character into text
- 8) ctrl G - gobbles up the character under the cursor
- 9) ctrl H - deletes character to left of cursor
- 10) ctrl R - recalls original line if you've mucked it up
- 11) ctrl V - toggles editing insert mode

12) ctrl Z - wonderful
zaps the entire line
(quickly)

To exit the edit line mode
hit return.

g. .f(free space/buffer
status) gives you the
'current total number of
characters in the buffer, as
well as the number of
characters which remain'

h. .h(help) returns you to
the editor command menu

i. .i(insert lines) used to
insert text

j. .r(reset maximum memory)
used to expand the buffer
size to over 7K, buffer must
first be written to disk and
reloaded after .r has been
executed

k. .m(set right margin)
default is 78 chr. per line,
this command sets the right
margin (at which point the
editor will no longer accept
input)

l. .o(output to printer)
you can specify which lines
you want to send to the
printer

m. .s(string search) used
to search the buffer for a
specific match of
characters, the next command
is used to find the next
occurrence of the same
string

n. . (used after the .s
above to find the next
occurrence of a string)

o. .x(exit editor) used to
exit back to the main
command mode - you can exit
with the buffer intact or
you can .cy to clear-yes the
buffer first

So, let's be done with the
editor. You've tried out
lots, if not all, of the
above commands - you've done
some right and you've blown
a few - but, in any case,
you are now more familiar
with the basic editor
commands of AEPRO and you
have learned how to dial and
capture information with
AEPRO.

Type .cy (clear buffer,
yes)

Type .x (exit editor)

Type xy (exit AEPRO,
yes)

These options are fun to
use, they are easy to use
and if you need to print out
or save to disk your text
files captured with AEPRO,
they are invaluable for
helping you get rid of the
extraneous junk first.

(That is enough for the
first run through. In the
next issue I will give you
my 'simple solution' to the
problem of transfers' which
will teach you, and remind
me, 1) how to get a file
from another computer 2) how

to send a file to another
computer and 3) how to
directly type to another
computer. We will also
cover the fun problem of
'setting up macros' . . .
with AEPRO!)

Disk Library

NIAUG maintains a disk library containing
a variety of Public Domain software.
These programs have been contributed by
NIAUG members, the International Apple
Core, and other user groups.

NIAUG members are able to purchase the
library disks at the monthly meetings for
\$3.50 each. If a member is not able to
attend the meetings, then they may order
disks by mail. Include \$1.50 for
shipping and handling for every two disks
ordered and send your order to the
address of the Librarian.

FOR BEGINNERS ONLY - ASCII EXPRESS 'THE PROFESSIONAL'

Part 2

by
Sandra Brockmann

(This article presumes that you have AEPRO, a Hayes Micromodem II, a disk drive or two and an Apple or equipment similar to the above - and that AEPRO is booted up in Drive 1.)

A SIMPLE SOLUTION TO THE PROBLEM OF TRANSFERS

YOU WANT A FILE FROM ANOTHER APPLE

Type D(dial number)
You get Number?
Type number you want to dial
Hit Return
You get AE:Dialing: (and it dials the number)
You get AE:Waiting to connect . . .

When and if you are connected your screen clears

and you see that . . .

The other computer says

AE Term-->
ENTRY:

You type in the password of that computer (default .AE.)
You get (> prompt
Type D for a directory of the other computers' drive
You type S(for send to your own computer)
You get (>Send
You type name of file you want to get, Return
You get Wait . . .
You get # blocks
You hit CTRL Q (to get into your APPLE)
You get +>
You type G (for get)
You get Filename?
You type ,d2 (to put it on drive 2 or 1 as the case may be)
You get Filename?
You type in name of file, Return
You get WAIT

You get Ready to Receive
and the file is automatically transferred to your drive!

While the file is being transferred you see:

Filetype:

R<#>

AE:Successful transfer

CRC= #

AE Term-->

CRC= # (the numbers or letters after the CRC's will match)

You can now hit CTRL Q H to hang up!

=====

YOU WANT ANOTHER APPLE TO RECEIVE A FILE FROM YOUR APPLE

Type D(dial number)
You get Number?
Type number you want to dial
Hit Return
You get AE:Dialing: (and it dials the number)
You get AE:Waiting to connect . . .

When and if you are connected your screen clears

and you see that . . .

The other computer says:

AE Term-->
ENTRY:

You type in the password of that computer (default .AE.)
You get (> prompt
You type R(telling the other computer to receive a file)

whoops, you have forgotten the filename

You hit CTRL Q , I , C to catalog your drive and find the filename

You hit return to get back into the other computer

You get AE:Term-->
(>Receive:

You type in the filename of file on your drive, Return

You get Ready to receive

You hit CTRL Q (to get back into your APPLE)

You get +> which indicates you are in your APPLE

You type S(for send to the other APPLE)

You get Filename?

You again type in the name of the file,
this time you are telling
your APPLE which file to send along .
..

You get S)tandard or P)rotocol?
You type P
You get AE:Ready to send
AE:Waiting
You wait - and the transfer happens!
You get SUCCESSFUL TRANSFER and two
matching numbers
You breath a sigh of relief, it worked!!!

=====

TO ACTIVELY TYPE A MESSAGE TO ANOTHER APPLE

Type D for dial
You get Number?
Type number you wish to dial
Hit Return
You get AE:Dialing:(and it dials the
number)
You get AE:Waiting to connect . . .

When and if you are connected your screen
clears

and you see that . . .

The other computer says:

AE Term-->
ENTRY:

You type in the password of that computer
(default .AE.)
You get (> prompt
You type C(for copy incoming)
You get (>COPY:you make up a filename and
enter it here, Return
You hit CTRL Q E to get into your
computer and half duplex
You get the ! prompt at which point . .

You type your message, hit return

When you are done typing you hit CTRL C,
CTRL C

You get SUCCESSFUL WRITE

You get (>

The two CTRL C's end and send your
message

You hit CTRL Q E to get back to full
duplex

You can now hit return to get into the
other computer

You get (>

You can now type D for a directory of

that other computer

You can check on the drive logged to see
if your message is there!

CTRL Q H will hang you up, thus
terminating the connection!

=====

At the prompt typing H will give you
a HELP list of the commands:

C(opy) incoming text
D(irectory) of currently logged
disk
H(elp) - displays this list
R(eceive) a file
S(end) a file
V(iew) a file

Whenever you have the (> prompt
it means you are in the other
computer (the hostcomputer) and
you are ready to enter a
command.

Whenever you have the +> prompt
it means you are in your
computer and are ready to enter
a command.

In order to abort the listing
of the directory
once you have found your file,
hit ESC.

When you are connected to
another computer you are
allowed about 40 seconds of
inactivity before you get
disconnected !!!!!!!!!!!!!!!

If you just want to look at a
file on either computer type
V(for view) and you will be

asked to type in the name of
the file you want to see.

=====

Next month, I promise, we will
set up our macros and we will
also get into some other neat
options with AEPRO!

PUBLIC ACCESS MESSAGE SYSTEMS

(P.A.M.S.) last updated 10/22/83*

with

Oklahoma Update 03/84

by

si hawk, Editor

Tulsa Area Computer News

and

The I/O PORT

Official Publication of

The Tulsa Computer Society

**

Compliments of PMS, Santee CA.

(619) 561-7277*

Compiled and maintained by Bill Blue

(with a lot of help from his friends)*

**

*Please send updates/corrections to:

P M S Santee, TCB117, 70315, 1305 or BBLUE

- PLEASE NOTE LIST FORMAT CHANGES b01-

• denotes 24-hour operation
 - denotes 8-12 hour DAYTIME operation ONLY
 ! denotes 8-12 hour NIGHTTIME operation ONLY
 \$ new system or new number to existing system
 & Supports VADIC 1200 baud operation
 % Supports 212A 1200 baud operation
 1 Supports BAUDOT operation
 dd denotes original system of that type
 dl denotes game oriented messages
 ml download/program exchange system
 rl mail/information exchange only
 rl denotes call, let ring once and call back
 rl religious orientation
 so sexually oriented messages

ABBS Digital Group Akron OH (216) 745 7855*
 ABBS Port Coquitlam BC CN! (604) 941 0041*
 ABBS Apple-Mate New York NY (201) 864 5345
 ABBS Byte Shop Ft Lauderdale FL (305) 486 2983
 ABBS Byte Shop Miami FL (305) 261 3639
 ABBS Calvary Church Mnpls MN (612) 472 3985*rl
 ABBS CCNJ Pompton Plains NJ (201) 835 7228
 ABBS Charlotte NC (704) 364 5245*
 ABBS CODE Glen Elyn IL (312) 882 2926*
 ABBS Colortron Racine WI (414) 637 9990*
 ABBS Compumart Ottawa Ont CN (613) 725 2243
 ABBS Computer Room Kalamazoo MI (616) 382 0101
 ABBS Gamemaster Chicago IL (312) 475 4884*
 ABBS Ketchikan AK (907) 225 6789
 ABBS LINX Lincoln NE (402) 476 1177*dl
 ABBS New York NY! (516) 473 1005*
 ABBS New York NY! (212) 877 7703*
 ABBS Nessy Game Itasca IL (312) 773 3308*
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 ABBS Omaha NE (402) 339 7809
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 ABBS Peoria IL (309) 692 6502
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 ABBS Rogers Park Chicago IL (312) 973 2227
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 ABBS South of Mark San Fran CA (415) 469 8111 so
 ABBS Pulse Dallas TX (214) 631 7747*so
 ABBS Teledunjon Ill Dallas TX (214) 960 7654
 ABBS Tumerville NJ (609) 228 1149
 ABBS Vancouver BC CN (604) 437 7001
 ABBS Vermont Essex Junction VT (802) 879 4981*
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 ACS Arlington Heights IL1 (312) 392 2403
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 DIAL-YOUR-MATCH 9 (213) 345 1047so
 DIAL-YOUR-MATCH 11 Carlsbad CO (619) 434 4600*so
 DIAL-YOUR-MATCH 12 Houston TX (713) 556 1531*so
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 RCP/M RBBS BT MA Epson! (617) 848 8281
 RCP/M RBBS Brist PA Epson! (215) 788 5614
 RCP/M RBBS Dal TX Epsonstc! (214) 659 0387
 RCP/M RBBS Plac CA Amber! (714) 632 8332
 RCP/M RBBS San Fran CA son! (415) 589 5062
 RCP/M RBBS Tor CA Toledo! (213) 618 8674
 RCP/M RBBS TCS Tulsa OK (918) 446 5219
 RCP/M RBBS Fairfield CA! (707) 422 7256*
 RCP/M RBBS Fort Mill SC (803) 548 0900*
 RCP/M RBBS Garden Grove, CA& (714) 534 1547*
 RCP/M RBBS Palos Verdes, CA& (213) 541 2503*
 RCP/M RBBS Cedar Rapids IA (319) 363 3314
 RCP/M RBBS Valley Helena MT (406) 443 2768
 RCP/M RBBS Hollywood CA (213) 653 6398*
 RCP/M RBBS IBM-PC Hawthorne CA\$ (213) 973 2374
 RCP/M RBBS IBM-PC Orlando FL& (305) 830 4340*
 RCP/M RBBS IBM-PC Tulsa OK (918) 749 0718
 RCP/M RBBS JUG Jacksonville FL\$ (904) 725 4995*
 RCP/M RBBS Lakewood Denver CO (303) 985 1108*
 RCP/M RBBS Laurel MD (301) 953 3753*
 RCP/M RBBS Larkspur CA (415) 461 7726*
 RCP/M RBBS Marin County CA (415) 383 0473*
 RCP/M RBBS Huntsville AL (205) 895 6749*rb
 RCP/M RBBS Napa Valley CA (707) 257 6502*
 RCP/M RBBS Ocean NJ& (201) 775 8705
 RCP/M RBBS Orlando FL& (305) 671 2330*
 RCP/M RBBS Pasadena CA\$ (213) 577 9947*
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RCP/M RBBS Pontiac MI (313) 338 8505
 RCP/M RBBS Bogdanovich, NJ (201) 747 7301
 RCP/M RBBS New Brunswick NJ (201) 932 3879*
 RCP/M RBBS San Diego CA& (619) 273 4354*
 RCP/M RBBS Osgate San Jose CA (408) 287 5901*
 RCP/M RBBS Southfield MI (313) 559 5326*
 RCP/M RBBS Tampa FL (813) 831 7276
 RCP/M RBBS SDCS San Diego CA (619) 236 0742*
 RCP/M RBBS HEC04 La Mesa CA! (619) 461 5117*
 RCP/M RBBS Woodstock NY& (914) 679 8734*
 RCP/M RBBS Yelm Olympia WA (206) 458 3086 rb
 RCP/M Rich/Famous, San Fran Ca (415) 552 9968*
 RCP/M Satsuma Houston TX& (713) 469 8893-
 RCP/M Simi Valley CA (805) 527 2219-
 RCP/M SJBBS Bearsville NY (914) 679 6559*rb
 RCP/M SJBBS Johnson City NY (607) 797 6416-
 RCP/M Sydney, Australia61 02 997 1018*
 RCP/M Sunnyvale CA (408) 730 8733-
 RCP/M Superbrain Lexington MA& (617) 862 0781*
 RCP/M System One Toronto CN& (416) 231 9538*
 RCP/M System Two Toronto CN& (416) 231 1262*
 RCP/M Technical Houston TX (713) 522 3805 rb
 RCP/M Techn Thousand Oaks CA& (805) 492 5472*
 RCP/M The C-Line NJ (201) 625 1797-
 RCP/M W Carrollton Dayton OH (513) 435 5201*

Remote Northstar Denver CO (303) 444 7231
 Remote Northstar Greenbelt MD (301) 344 9156
 Remote Northstar Snta Barb CA (805) 964 4115
 Remote Northstar Vir Bch VA (804) 340 5246

ST80-CC Micklus Burlington VT1 (802) 862 7023*
 ST80-PBB Camera Monroe NY (914) 782 7605

TCBS Astrocom New York NY1 (212) 799 4649*
 TCBS BAMS New York NY (212) 362 1040*

T-NET Centr Procsgng Plymouth MI (313) 453 5146*
 T-NET Delta Lawrenceville NJ (609) 896 2436*
 T-NET Special W Bloomfield MI (313) 855 6321*
 T-NET Twilight Phon Warren MI1 (313) 775 1649*

TBBS Aurora CO1 (303) 690 4566
 TBBS Austin TX1 (512) 385 1102*
 TBBS Beer City Milwaukee WI& (414) 355 8839*
 TBBS Canopus Milwaukee WI (414) 281 0545*
 TBBS Exidy 2000 Houston TX& (713) 442 7644*
 TBBS Freelancin Alvin Houst TX& (713) 331 2599*
 TBBS Freelancin Houston TX& (713) 488 2003*
 TBBS Hawkins TX& (214) 769 3036*
 TBBS Noah's Ark Fremont Ca (415) 490 3083*so
 TBBS Pizza-Net Orlando FL (305) 645 5543*
 TBBS Shreveport LA (318) 635 8660*
 TBBS Tulsa OK1 (918) 749 0059*
 TBBS TCS Tulsa OK (918) 628 0662
 TBBS TIE Tulsa OK (918) 438 3363

TRADE-80 Albany GA (912) 439 7440*
 TRADE-80 Ft Lauderdale FL1 (305) 525 1192
 TRADE-80 Omaha NE (402) 292 6184

MISCELLANEOUS OR UNKNOWN SYSTEM TYPES

Access-80 Tampa FL (813) 884 1506*
 (?) Queens NY (212) 896 0519
 Adventure BBS Roslyn NY (516) 621 9296
 Alpha ctABCD00 pwTRYIT! (813) 969 0512*

Aphrodite-E Patterson NJ! (201) 831 1042so
 Apollo's Chariot Apollo FL (813) 645 3669
 Applecrackers Columbus OH (614) 475 9791*
 Apple Crunch Houston TX (713) 468 3122
 ARBB Seattle WA (206) 546 6239
 Atalcom/80 San Leandro CA (415) 895 8980*
 Atari BBS Virginia Beach VA (804) 491 1437*
 Austin Party Board Austin TX (512) 442 1116*
 Aviators Bulletin Board Sacr CA (916) 393 4459
 Blax-80 BBS Phoenix AZ (602) 852 1382*
 BBS Apollo Phoenix AZ (602) 246 1432*
 BBS Atari AMIS Kansas City MO (816) 587 9543*
 BBS BR Los Angeles CA (213) 394 5950*
 BBS Colonel Providence RI\$ (401) 521 2626-
 BBS Commodore San Juan PR (809) 781 0350-
 BBS Computer Appl Poland, OH (216) 757 3711
 BBS Gandalf 2 Hightstown NJ! (609) 448 8244
 BBS Heathkit Store Warwick RI (401) 738 5152-
 BBS Homestead FL (305) 246 1111
 BBS MCUA Houston TX (713) 661 5428*
 BBS Pensacola FL (904) 477 8783
 BBS-16 Santa Rosa CA (707) 527 5908
 BBS SUE Milwaukee WI (414) 327 6010
 BBS BULL Toronto Ontario CN (416) 423 3265so
 BBS Safehouse Minneapolis MN (612) 724 7066*
 BBS-80 DALTRUG Dallas TX (214) 289 1386*
 BBS Systlink Providence RI (401) 272 1138*
 Big Top System Milwaukee WI (414) 259 9475
 Bird House San Jose CA (408) 267 7399
 Boston Info Exch Boston, MA& (617) 423 6985*
 Bradley Computer BBS Tampa FL (813) 734 7103
 BSBB Tampa FL (813) 885 6187
 Capital City BBS Albany NY (518) 346 3596*
 Cass-80 Hickory Hills IL (312) 598 4861
 CMMS Chicago IL (312) 957 3924*
 C-HUG Bulletin Board Fairfax VA (703) 360 3812*
 Cohoes Forum Cohoes NY (518) 235 9073
 COLOUR-80 Orange Park FL (904) 284 0335*
 Commodore Video King Skokie IL (312) 674 6502
 Compuque-80 Houston TX& (713) 444 7041*
 Compusystems Columbia SC (803) 771 0922
 Computer Connect Bev Hills CA (213) 657 1799
 Computers for Christ Ontario CA (714) 983 9923*
 Creepy Corridors Phoenix AZ (602) 956 5021-
 CVBBS 1 San Diego CA (619) 691 8367*
 CVBBS 2 San Diego CA! (619) 278 9114
 Datamate Canoga Park CA! (213) 998 7992so
 Diamond III Phoenix AZ (602) 890 0972*
 Dimension-80 Orange CA (714) 974 9788
 Download-80 Forest Knolls CA& (415) 488 9145*
 Dragon's Lair Long Beach CA (213) 428 5206
 Drummer San Francisco CA (415) 552 7671so
 EMC-80 St Louis MO (314) 645 1047
 Experimental-80 Kansas City MO (913) 676 3613
 FBBS 1 Purdue IN&\$ (317) 494 6643*
 Future Tech Alexandria VA! (703) 451 4893*
 GBBSII Sullivan CO (303) 693 1064
 GBBSII Apple PI Bloomfield CO (303) 469 7541*
 GBBSII Aurora-Net Denver CO (303) 343 8401*
 GBBSII Eamon Sullivan CO\$ (303) 750 3783-
 GBBSII Off The Wall Boulder CO (303) 443 3367*
 Genesys Phoenix AZ (602) 967 4529*
 Grape Line BBS Napa Valley CA (707) 538 9124*
 Hermes-80 Allentown PA (215) 434 3998
 HEX Silver Spring MD% (301) 593 7033*
 H&S Microsystems Burnaby BC! (604) 430 4145-
 IBM PC No-Name San Lorenzo CA& (415) 481 0252*
 INFOEX-80 West Palm Beach F (305) 683 6044*

INFOEX-80 Akron OH (216) 724 2125*
 INFOEX-80 Tulsa OK (918) 425 8469*
 Interface BBS Atari Chicago IL (312) 296 3883
 Irvine Line Irvine CA (714) 551 4336
 JCTS Redmond WA (206) 883 0403*
 LA Interchange LA CA (213) 631 3186*
 Lethbridge Lethbridge AB (403) 320 6923
 Living BBS Education SIG (415) 565 3037
 Mages Inn Omaha NE (402) 734 4748*
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 Mail Board-82 Seattle WA (206) 527 0897*
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 MBBS Mission BC CN! (604) 462 8633-
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 Mini-Bin Seattle WA (206) 762 5141*
 MIMMM1 Santa Monica CA (213) 390 3239-so
 MIMMM2 New York NY (212) 541 5975-so
 MIMMM3 Marina del Rey CA (213) 452 6111-so
 MIMMM4 Lawndale CA (213) 821 2257-so
 Motherboard San Leandro CA (415) 352 8442
 MRC BBS Mountain View CA! (415) 968 1093
 NBBS Norfolk VA (804) 444 3392
 NOCCC Orange, CA (714) 633 5240
 Novation LA CAssCAT (213) 881 6880
 Nibble One Schenectady NY (518) 370 8343
 NWLAIBMPCUG Shreveport LA (318) 688 7078
 NWWCUG Edmunds Seattle WA (206) 743 6021
 Nybbles-80 Queens NY (212) 626 0375
 OACPM Omaha NE (402) 292 9598*
 OARCS Portland OR (503) 641 2798
 OCTUG Garden Grove CA (714) 530 8226
 Omega Phoenix AZ (602) 952 2018*
 Oracle North Hollywood CA (213) 980 5643so
 OCDE Garden Grove CA (714) 537 7913
 OS-9 6809 BBS Palatine IL (312) 397 8308
 PBBS Arc-Net Little Rock AR (501) 372 0576*
 PBBS Co-operative Palatine IL (312) 359 9450*
 PMS-80 Deerfield Beach FL& (305) 427 6300*
 PHOTO-80 Haledon NJ (201) 790 6795
 PMBBS Humble TX (713) 441 4032
 RACS V Fullerton CA (714) 524 1228
 RBBS Milwaukee-Chicago Line IL (312) 876 0974
 RBBS Meeting Place Omaha NE!& (402) 734 6959*dl
 RBBS Upland CA! (714) 981 3787*dl
 RIBBS Houston TX (713) 497 5433
 RICAMIS Kingston RI (401) 456 8250*
 RI-TUG Cranston RI (401) 944 4689*
 RS-CPM Clarksville MI (616) 693 2648
 SATUG BBS San Antonio TX (512) 494 0285
 Satyricon Burnaby BC CN! (604) 438 2468*
 SDACE La Mesa CA! (619) 447 8143
 Seacomm-80 Seattle WA (206) 763 8879*
 SIGNON Reno NV FREE (702) 826 7234
 \$ (702) 826 7277
 SISTER Staten Island NY (212) 442 3874*
 SOBBS Poor Man's BBS Houston TX (713) 453 7931*
 SOBBS Test Mode Houston TX (713) 522 5516
 Softronics Tulsa OK (818) 749 6524
 Stellar III Phoenix AZ (602) 833 0740*
 Steve's Shawnee Mission KS (913) 648 5301*
 Stuart II BBS Boulder Creek CA! (408) 338 9511*
 Sunrise Omega-80 Oakland CA (415) 452 0350
 Switchboard Alexandria VA (703) 765 2161*

System/80 San Leandro CA!	(415) 782 4402
Talk-80 ROBB Portsmouth VA	(804) 484 9636
TCUG BBS Washington DC	(703) 836 0384*
Tech-Link Forest Glen MD	(301) 565 9051*
TECOM-80 Tampa FL	(813) 839 6746
Teen BBS Tulsa OK	(918) 494-3640
Telcom 7 New Fairfield CT	(203) 746 5763*
Telemesssage-80 Atlanta GA	(404) 962 0616
The Garden of Eden Phoenix AZ	(602) 991 0144*
The Interface Los Angeles CA	(213) 477 4605
The Software Bank Northridge CA!	(213) 701 7670
Toledo Apple Users Toledo OH!	(419) 537 9777*
Treasure Island Royal Oak MI	(313) 547 7903
TVG Systems Burnaby BC CN!	(604) 738 1640*
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VERGA 80 Santa Ana CA	(714) 547 6220
Voyager Phoenix AZ	(602) 247 6034
Vic-20 Online Houston TX	(713) 944 6597*
Visiboard Wellesley MA	(617) 235 5082
WAPABBS Charlotte NC	(704) 373 7966*
Westside Download Detroit MI!	(313) 348 4479
XIO Houston TX	(713) 495 1422ex

A REVIEW OF TURBO PASCAL

by Tony Antonucci

I, for one, was very glad to see software houses begin to produce, high quality at a low cost, software. If they could make the price low enough, people would buy it rather than steal it. Sounds good to me! One of the first such software packages was JRT Pascal. At \$29.95 it was a fair compiler at a very low price.

Well now there is even a better compiler for CP/M which doesn't cost that much more. TURBO PASCAL by BORLAND INT. at \$49.95 (Ad on page 456 of Dec. 1983 BYTE).

When TURBO PASCAL came via UPS, I opened it expecting to find the usual three ring binder and a disk with "fair at best" software. I was wrong. TURBO PASCAL comes with a very complete reference manual (254 pages worth) in a bound book format.

The compiler produces object code and will run on any Apple with a Z-80 card. Unlike JRT or even Apple Pascal, it produces an intermediate file that must be used with a run-time support file. TURBO can produce .COM files ready for execution, without any other files needed.

What is comes with: TURBO PASCAL comes with the compiler, a built in Wordstar compatible editor, an install program and a sample program (a spread sheet program).

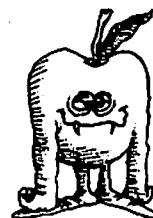
The compiler: It edits and compiles in memory so it is very fast. Most compilations, that I have done, take 1-3 seconds, yes seconds, not minutes! If and error is found you only have to press ESC and you're in the editor at the point of the error!. NOTE: the editor and compiler are together in one 28K program. After you have compiled and run your program (all from inside TURBO PASCAL), and have it debugged, just change one compiler option and save it to disk as a .COM file.

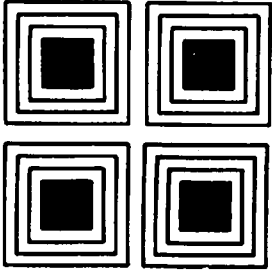
The editor: One very nice feature of TURBO PASCAL is that it comes with a built in editor. For any one using Wordstar the editor is command compatible. Also with the install program provided you could change any command to whatever key sequence you might want (give it compatibility with your favorite editor if you like). The TURBO PASCAL editor is so good that I would even recommend it to someone just looking for a good CP/M text editor at a a low price....with a Pascal compiler thrown in for free! The built in editor gives TURBO PASCAL an interactive feel. Just use the editor to write or modify a program, exit the editor and compile it, then back to the source to change something and then recompile it all within one program, without disk access! Very large programs, that wouldn't fit in memory all at once, can easily be chained together.

The install program: This program lets you install any changes that you would like to make in the editor's commands setup or in the screen display, which can be configured to any terminal combination.

As for speed, most CP/M Pascal compilers produce 8080 code that will run on any 8080, 8085 or Z80 CP/M system. Thus it should be possible to have source code compatibility between machines running any of these processors.

Well if it sounds like I enjoy TURBO PASCAL, it's because I do. I feel that it is one to the best Pascal compilers on the market, has a good built in editor and at only \$49.95 you almost can't go wrong.





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February 25th, 1984

NIAUG
1274 W. Dunder Rd.
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IL 60090

Dear Sirs,

The Book Company, publishers of The Book of Apple Software and other bestselling software review books, is now working towards the publication of The Book of Apple Software: Macintosh and Lisa.

As you know, The Book of Apple Software is the standard reference for vendors and consumers of Apple software. Beginning in the fall of 1984, we will produce two volumes, one devoted to the Apple II family and the other to the Macintosh and Lisa. The Book will provide detailed descriptions and analyses of programs, not merely directory listings.

Reviews will be compiled in the areas of games and entertainment, business, education, graphics, telecommunications, and utilities.

Is there anyone within your group who would like to become a reviewer and receive free software as their compensation? If so, please have them send us a letter telling us what machine they have (Macintosh, Lisa, or both), what extra hardware they have at their disposal, and what type of printer they use. Also we need to know their interests: entertainment, business, graphics, telecommunications, or utilities. Lastly, it would help us a great deal if they could send us a sample review of any program they choose.

Please address letters to Review Department.

Thank you,

The Book Company

DOS COMMANDS
(Applesoft-Integer)

CATALOG: displays volume number, names of the files on the disk, file types, file sizes in sectors, and which files are locked.

SAVE RECTANGLE: Saves present program in memory called "RECTANGLE" on the disk.

LOAD RECTANGLE: loads the program from disk into memory.

RUN RECTANGLE: copies the program called "RECTANGLE" from the disk into memory and executes it.

DELETE RECTANGLE: removes your program called "RECTANGLE" from the disk.

LOCK RECTANGLE: protects a file from being deleted or written to. A locked file is indicated by an asterisk (*) in its disk catalog.

UNLOCK RECTANGLE: unlocks your program "RECTANGLE". You are now able to delete or write to your program.

RENAME RECTANGLE,SQUARE: changes the name of your program "RECTANGLE" to "SQUARE".

EDITING COMMANDS

LIST: displays your program that is presently in memory. (Remember, it will not execute your program.)

LIST 4: only line number 4 will be listed.

LIST 4,7 lines 4 through 7 will be listed.

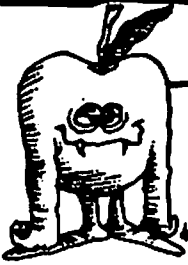
DEL 5,7 deletes lines 5 through 7, Type LIST. Have you deleted lines 5 through 7?

35 An easy way to delete a program line is simply to type the line number and press RETURN.

RUN: Once you are satisfied with your listing, type RUN. The computer will execute your program starting with lowest numbered statement.

RUN 40: The computer will execute your program starting with line 40. CAUTION. Any variables you have assigned before line 40, your program will not have access to.

Example: 20 Let A = 5
40 PRINT A
RUN 40
0 (A zero will be displayed on screen)



northern illinois apple users group

1271 West Dundee Road, Buffalo Grove, IL. 60090

MEMBERSHIP APPLICATION

NOTE: Information obtained from this application is solely for the use of the NORTHERN ILLINOIS APPLE USERS GROUP (NIAUG). Membership lists will not be distributed to members or non-members.

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☐ Full Membership (\$29.00) Includes \$24.00 Annual dues + \$5.00 initiation fee. Covers entire family; 1 Vote; all privileges. This rate applies to the following counties: ILLINOIS - Boone, Cook, DeKalb, DuPage, Grundy, Kane, Kankakee, Kendall, Lake, LaSalle, Lee, McHenry, Ogle, Will, Winnebago; INDIANA - Lake, Porter; WISCONSIN - Jefferson, Milwaukee, Racine, Rock, Walworth, and Waukesha.

☐ Associate Membership (\$23.00) Includes \$18.00 Annual dues + \$5.00 initiation fee. Covers entire family; No Vote; all privileges. This rate applies only to those persons living outside the above mentioned counties.

NOTE: Full or Associate memberships are for 12 Months, starting the month they are received.

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Would you please take a few moments of your time to fill out the following information. This information will help us to get a better picture of what the needs of our Users really are.
Please check the type of computer(s) you have or are using.

☐ APPLE II ☐ APPLE II+ ☐ APPLE IIe ☐ APPLE /// ☐ LISA

☐ MACINTOSH ☐ APPLE COMPATIBLE ☐ OTHER _____

Benefits the group can provide for you _____

Benefits you would like to provide to the group _____

Comments _____

TREASURER'S USE ONLY Do not write below this line!

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APRIL PLANNING MEETING MINUTES

by Ken Rentfleish

Tuesday April 17 found Seven club members at Computervision for the monthly planning meeting. With cans of soda in hand they began the meeting at 7:15 P.M.

The first item of business was discussion of a pair of prescription sun glasses that had been found at the meeting. No one seemed to know who the owner is. If you lost them give a call to one of the officers and we'll point you in the right direction to retrieve them.

The secretary (thats me) proclaimed a historical event that hopefully will help with general club efficiency. The event was the arrival of the new club database. We are now equipped with a powerful database known as "The General Manager" by Sierra On-Line Inc. I don't promise miracles because this tool is new to me and it takes a bit of learning to use it properly. I'll let everyone know what find as I make progress with it. Comments were made about my purging the existing file of all 1983 non renewed members. As of this date I have successfully completed that task. We currently have 402 members on the 1984 file. I would like to personally thank both Rich McNeil and Terry Tufts who were kind enough to loan me a copy of General Manager and Versa Form respectively to use for a time in order to assist in making my decision. Attendance was 135 persons at the last meeting.

Next on the agenda our treasurer reported that all interest on all overdue taxes have been paid and we are currently in the process of asking the I.R.S. to abate any penalties associated with this late payment. Due to the way the laws are written, we as a group, do not qualify for a tax exempt status. We are a non-profit organization but non-profit does not mean tax exempt. We will let you know more as this progresses.

Terry Tufts informs us that 4,000 packets are being printed for handout at the up-coming Userfest and as new member handouts. Chris Otis reported that there

were charges of \$800.00 for preliminary work such as electrical hookups, things being moved around and other typical union requirements. If we realize only 42 members from this fest we will have covered our booth expences.

Jim Glore mentioned that there will need to be an officer on hand for the opening of the show each day to ensure that all is in order in our booth. We will also need someone with a van or truck to assist in hauling some items to and from the show. There will be two types of passes issued for volunteers of the fest. The first will allow the wearer access at any time prior to or after the show times. The second will restrict it's wearer to show hours only.

Guy Lyle stated that slides of the beginner SIGs on April 26th and May 2nd will be taken for display at our booth, so---smile pretty.

Both of the printers from the answering service are now connected, but in general, the service we have received thus far is somewhat less than we were told it would be. This will be discussed at the next meeting and possibly a decision made as to future plans.

Joe Zeinz stated that we sold about 273 disks at the last meeting. For those of you who have been asking, Joe also reported that the disk indexes are being printed. The library SIG may sponsor and run the program contest this year. We have some dedicated people in the SIG and we know they will do a super job.

Terry Tufts and Jim Glore reported that complementary copies of the Harvest, with a letter of thanks, went out to all the participating dealerships who were kind enough to contribute a prize to the program contest last year. These are the people who help make our group interesting and fun. Keep them in mind when you are thinking of buying software or hardware.

Jim Murphy is currently attempting to master the new Star printer purchased recently, along with a Pkaso card. It

should enable us to print the group logo on labels or correspondence.

Rob Stewart is still hard at work putting together a set of by-laws for the U.G. and plans to discussing these at the next planning meeting. As these by-laws directly involve all of us and the way the group operates it might be a good idea if everyone plans to attend the next meeting and find out what is happening.

A recent note from a prior member and SIG chairman sparked conversation with the thought that it is difficult to run a SIG with only a few seasoned users and the rest, rank beginners. One of the ideas was to encourage paid classes for these rank beginners prior to their joining a SIG. This would help them feel a bit more comfortable and give them the knowledge needed to contribute on a level closer to that of the chairperson. Joe Zeinz noted the need for a one-on-one type of tutoring possibly in groups of say 3-6. Some topics could be:

- 1 Pascal
- 2 Visicalc
- 3 Applewriter II
- 4 Basic
- 5 Databases

There would be a charge for materials and the instructors time. Other clubs promote this approach and usually allow the instructor to structure the class his own way. These classes could be an outshoot of the beginners SIG. We will attempt to determine if there is a need, and see exactly how other groups have handled the task. Have an opinion on this? We're listening and anxious to hear what you think.

It was discussed that Washington Apple Pi holds get togethers (small groups) just as a sort of "rap session" with Apple computers as a common interest. This would seem to provide a friendly mix of all people regardless of their experience level on the Apple. Ideas ?????

Now for the new business.

A vote was taken on the current of membership fees. After each officer was allowed a brief say, it was decided unanimously to retain the fee at \$24.00 and to re-assess this in the future. There will also be an Associate membership of \$18.00 and a newsletter only fee of \$12.00 for persons holding an exhisting membership. This latter fee will respond to those people who asked for this type of service so that additional members in a household can have their own Harvest. You see, we're listening, keep talking to us.

We are currently working on a new system to inform all members when their particular renewal is due. This will be similar to the procedure that most publications use today. This will spread the load of renewals over the entire year as opposed to the December turnover we have now.

I would like to express a special "Thanks" to Mr. Jim Farrington for his recent assistance in analyzing and compiling the comments we all made on our applications this year. I just did not have the time to do this job and spend any time at all with my family. I called Rich McNeil who presented me with a list of volunteers. Jim was my first choice on the list. I didn't know why then but I do now. Jim was enthusiastic and eager to do the task. Little did I know that he would format it so well. I believe Jim truly enjoyed doing the task, or at least that is the impression he gave when he returned the finished product to me. I have no idea when I would have gotten to this job but thanks to Jim the officers can respond quickly to a hefty list of comments, questions and suggestions. Thank You Jim. With people like you helping out, NIAUG can't help but grow in every positive direction. Keep an eye on the Harvest and an ear open at the meetings as the executive answers your questions.

After a brief discussion of tentative meeting dates for June, July and August the meeting adjourned at 10:10 P.M..

INTERESTING BITS

by Chris Tufts

Associated Technology has conducted an industry survey that identifies over fifty major software locator services citing over 300,000 software packages and representing over 8,000 companies. The survey was conducted to provide a comprehensive guide for beginning a software search. The survey results are available to both buyers and sellers of software for \$8.50 from ATC Software, RT2, Box 448, Estill Springs, TN 37330.

Allied Research Corp. has unveiled a new detachable keyboard designed to offer easy operation and increased capability to Apple II and II+ Users. It is called the Data Spec Detached Extension Keyboard and is priced at \$299.95. The keyboard has a full ASCII character set with uppercase and lower characters. It also has 97 programmed functions and commands, 20 of which are located on a separate keypad. The keyboard comes with a ten-foot cable to allow freedom of movement to the user.

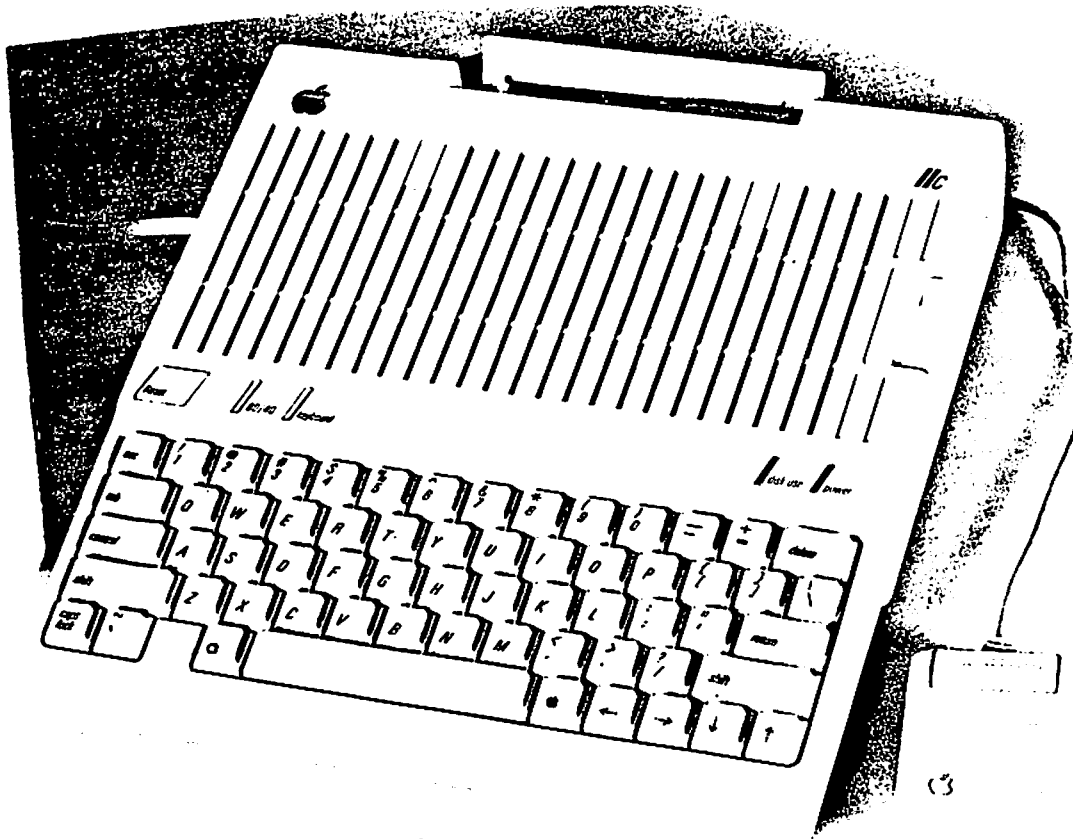
Apple Computer Inc. has introduced a mouse-controlled graphics package for the Apple II computer. The \$149 AppleMouse package includes a mouse, similar to those used with Macintosh and Lisa, and a MousePaint software program from the MacPaint graphics software for Macintosh. It is available for any Apple II computer. Also Apple is offering a "software developers tool-kit" that allows developers to incorporate the mouse in future Apple II applications. A similar program is under development for the Apple III and III+.

Davong Systems Inc has brought out a line of add-on Winchester disk subsystems for The Macintosh. The drive subsystems will be available in May through Davong's network of more than 1100 retail outlets. The 5-Mbyte drive is expected to sell for \$1995, with a 32-Mbyte model available for \$3995. The 10-Mbyte system will be priced at around \$2200 to \$2400. The drive subsystems are connected to Macintosh through one of the two RS422 serial ports. Also, in the third quarter of this year, Davong plans to introduce a streaming tape backup system and a local-area network for the Macintosh.

Textprint Inc., a supplier of image-enhancement modules, has introduced a printer-interface card for the Apple II and IIe that can work with both serial and parallel printers. List-priced at \$149.95, the product—called Print-It! model 2—is said to be compatible with more than thirty popular printer models. The suggested retail price includes a handbook and an appropriate cable, either parallel or serial.

In a dramatic price-cutting move, VisiCorp has slashed the price of its Visi On applications manager program from \$495 to \$95. Visi On, the firm's "integrated operating environment" for personal computers, allows users to display information from different programs on the computer screen, and to transfer data between programs. It is hoped that the price drop will spur sales of Visi On's applications programs.

A survey from Sofsearch International quantifying packaged computer software products available for seven micro-computer system groups, revealed Apple has the largest overall software base (6,428 identified products). Second was the 5047 available for the Tandy TRS-80 and third was the 4111 on the market for IBM systems.



APPLE COMPUTER ANNOUNCES THE APPLE IIC

Apple Computer announce its long awaited Apple IIC computer. It is a miniaturized version of the IIe weighing only 7.5 pounds and priced at \$1295. This price includes 128K of RAM, 5.5 inch/140K built in disk drive, a dual mode video output supporting 40- and 80- column formats; six interactive tutorial disks; two serial ports and connectors for a mouse and a monitor. The system can drive monochrome or color monitors, a liquid crystal display or a television. The IIC has no expansion slots for additional boards, all additions to the system are done through connectors.

Other options include an external disk drive for \$329, a carrying case and monitor stand at \$39 each, a mouse and Mousepaint graphics package for \$99 and a thermal transfer printer for \$299.

APPLE REALIGNS PRICES

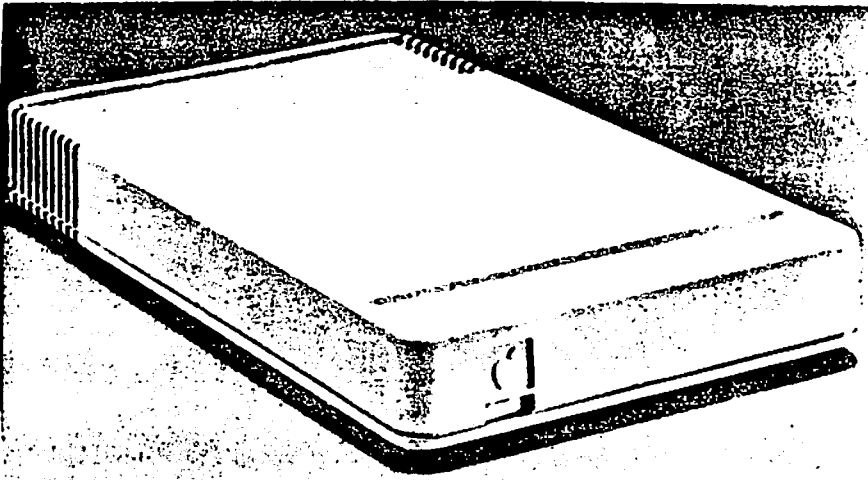
The suggested price for the entry level IIe is \$995 which includes 64k of RAM, a floppy disk drive and controller. The \$1795 system includes a monitor, a duo disk drive and 80 column card. The \$2995 package includes the Profile hard disk system.

Apple expects to have shipped 50,000 IIC's by the end of May.

APPLE SURPASSES GOALS FOR MACINTOSH'S

Apple announced that it had met its sales goals of 50,000 units installed by the first 100 days. They announced that they have 70,000 units installed and that the 50,000 unit goal was met in 74 days. It took the Apple II more than two years and the IBM PC eight months to achieve the same results.

They said they could have sold between 200,000 and 300,000 Macs if the factory could have produced them. While the factory is designed to produce a machine every 27 seconds, they have not been able to meet this goal. They expect to be producing 40,000 computers a month using double shifts by this summer.



APPLE TO OFFER PRIVATE-LABEL MODEMS

Apple Computer Inc. will sell private label modems and communications software along with its computers. Apple has signed an agreement with US Robotics, Chicago, to market both 300 and 1200 baud asynchronous modems priced at \$225 and \$495 respectively with AppleTerm communications software.

The units require 64K of memory and are compatible with the commands of the DC Hayes Smartmodems.

Both units provide built in auto-dial and auto answer functions so an unattended Apple computer can automatically initiate or receive data transmission. The software is menu driven and allows the use of electronic subscription databases but does not provide sophisticated file-transfer and electronic-mail applications.

COMING EVENTS in CHICAGO

JUNE 19-21

COMPUTERIZED OFFICE EQUIPMENT EXPO. A 3 day office information systems conference to be held at the O'Hare Exposition Center, Rosemont, Illinois. Exhibits only-free with coupon, conference \$120/day, \$160/2 day, \$190/3 day. For more information call 312-299-9311.

JUNE 25-26

STRUCTURED DOCUMENTATION. A 2 day course sponsored by The American Institute for Professional Education. Fee \$595. For more information call 201-377-7400.

JUNE 12-14

ADVANCED MANUFACTURING SYSTEMS EXPOSITION & CONFERENCE. A 4 day conference to be held at Mc Cormick Place, Chicago, Il. Exhibits \$10 at door, conference \$295/3 days, \$150/1 day. For more information call 212-370-1100.

MAY 30-31

HEWLETT PACKARD'S PRODUCTIVITY '84 THE COMPUTER SOLUTIONS SEMINARS. A 2 day series of computer presentations, to be held at Hyatt Regency Hotel, Chicago given free of charge to approved preregistrants. For more information call 800-554-4466.

JUNE 6.

ELECTRONIC MAIL SYUSTEMS & INTERCAMPUS COMPUTER NETWORKS. A one day seminar on electronic mail systems to be held at the Ramada- The O'Hare Inn, Rosemont, Il. Registration \$250, \$195 for Educom members. For more information call 609-734-1549.

NEW SIGS FORMING

The NIAUG Executive intends to support all Apple models to the limit of its ability. Anyone wishing to start a Lisa SIG, or Apple III SIG talk to any one of the club officers.

MACINTOSH SIG

Any one wishing to join a Macintosh SIG please contact Andrii (Andrea) Neczwid, 398-3215, 6:00-9:00 PM.

SIG BITS AND BYTES

by Ken Falter

BUSINESS SIG

Meets on the fourth Saturday of every month at 10:00 a.m. at:

Mount Prospect Public Library
10 South Emerson Street
Mount Prospect, Illinois

(One block east of the intersection of Elmhurst (rte. 83) and Central Roads.)

The May meeting of the SIG is cancelled as May 26 is on the Memorial Day weekend. Watch this column next month for information about the June 23 meeting.

The April 28 meeting was INVESTORS DAY. Jim Bradshaw presented investor type spreadsheets for the VISICALC CORNER. In addition, the NIBBLE INVESTOR was presented. This program originally appeared in Nibble, volume 4, no. 2, 1983. Many enhancements have appeared in Nibble since then. Several members who have used the program brought their copies of the program, with the enhancements that they had implemented or designed, and a lively discussion ensued.

EDUCATION/GRAPHICS SIG

The SIG is reaching the end of a super year. Because Ann Baldridge and Phyllis Geren have had such a good time with the SIG and have gotten to know a group of really neat people, they've decided to make the May meeting a special one. The SIG will celebrate the end of the school year with a dinner party on Tuesday, May 15 at Mother Tucker's Restaurant in Schaumburg. It's known for great prime rib and steaks -- and one of the best salad bars around. This is a pay-your-own-way party and spouses are invited. If you would like to come, please call Bernice Gliege (it was her idea) at 312/991-3250 or Ann Baldridge at 312/893-5468 by Friday, May 11. This is necessary in order to reserve enough seats at the restaurant (or to see if any changes in plans have occurred).

--Thanks to Ann Baldridge for the above--

It seems that Ann Baldridge and Phyllis Geren are "tapped out" as Chairpersons of the SIG and will be pursuing new interests in the Fall. Thus, the chairmanship of the Education/Graphics SIG will be open. Anyone interested in helping lead the SIG into the new school year in the Fall should contact one of the NIAUG Officers (see the inside front cover of the Harvest).

LIBRARY SIG

Meets on the first Thursday of the month at 7:30 p.m.

The next meeting will be on May 10 (due to a conflict with the Userfest) at 313 N. Quentin Road, Palatine. The June meeting is tentatively scheduled for June 7. Call Joe Zeinz at 312/526-0575 for additional information.

The Library SIG has been meeting for several months under the leadership of Joe Zeinz, the club Librarian. The aims of the SIG are:

- a) to review disks from other clubs
- b) to consider improvements/changes in the library index
- c) to develop means to make the paper library more available to the club's members
- d) to make the Library more useful to the membership
- e) to establish a Library staff and methods and procedures for handling the library.

BEGINNERS SIG

This SIG, coordinated by Guy Lyle, is oriented towards helping "new" Apple users and/or owners handle the questions and difficulties that arise in using their computers. Based on demand, one or more small groups (of 6 - 12 people) will

be formed. Meetings, held monthly or bi-monthly, are relatively unstructured allowing the attendees to give direction to the subjects discussed. One or two "experienced" NIAUG members will be available to answer questions, lead discussions and assist the beginners.

Two groups are currently meeting. "Beginners" wishing to join the SIG should call Guy Lyle at 312/359-1458.

NOTE: NIAUG membership is required.

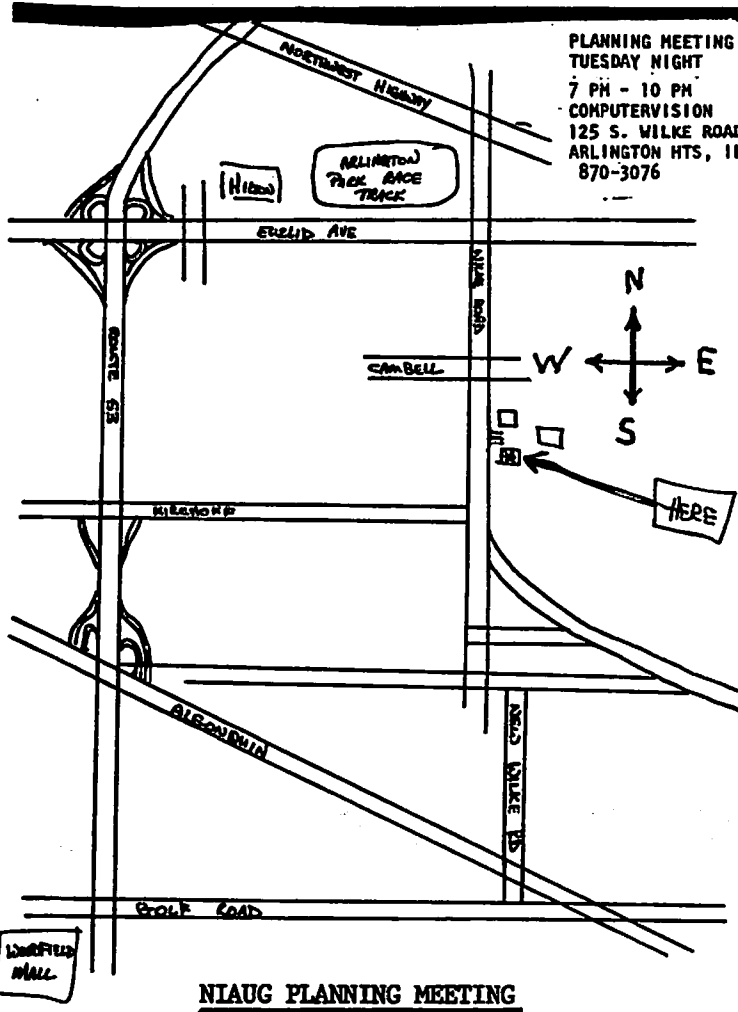
---The End---

CLUB NEWS

NIAUG JUNE AGENDA

JUNE 2, 1984
To be held in Building A
Harper College

- 10:00-10:30 am Opening Remarks/Club Business
(Rob Stewart)
- 10:30-12:45 pm Apples In The Corner
Apples in the Corner consists of various club members who will demonstrate their computers with typical applications that they use at home. Some of these will be: graphics homebrew hardware, disk repair, communications, speech synthesis and other mind boggling acts to numerous to mention.
- 12:45- 1:00 pm Mr. Apple/Closing Remarks
(Rob Stewart)



ADVERTISING

All members of NIAUG may advertise free of charge, in the form of unclassified ads, as long as the ad is not part of a commercial endeavor.

NIAUG Members may also advertise commercial ventures using an unclassified ad 1/2 page wide format at \$3/issue/five line increment or use the regular box ads at the commercial rates.

COMMERCIAL ADVERTISING-

All ads must be prepaid and camera ready to the prescribed size as follows:

Full page -7 1/2" wide X 10" high= \$55/issue
Half page -3 1/2" wide X 10" high= \$30/issue
Half page -7 1/2" wide X 4 3/4" high=\$30/issue
Quarter page-3 1/2" wide X 4 3/4" high=\$16/issue
Eighth page -3 1/2" wide X 2 1/4" high=\$9/issue

All ads must be received by the copy deadline for the given issue.

COMING MONTHS MEETING DATES

JULY 14-DOS Symposium, AUG 4-Sig Meetings,
Dates are firm, topics being arranged.

1984 SCHEDULE FOR THE NIAUG HARVEST

ISSUE MONTH	DEADLINE FOR ARTICLES/ADVERTISING
JULY	MAY 15
AUG	JUNE 12
SEPT	JULY 17
OCT	AUG 14
NOV	SEPT 11
DEC	OCT 16

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22 FOXWOOD RUN

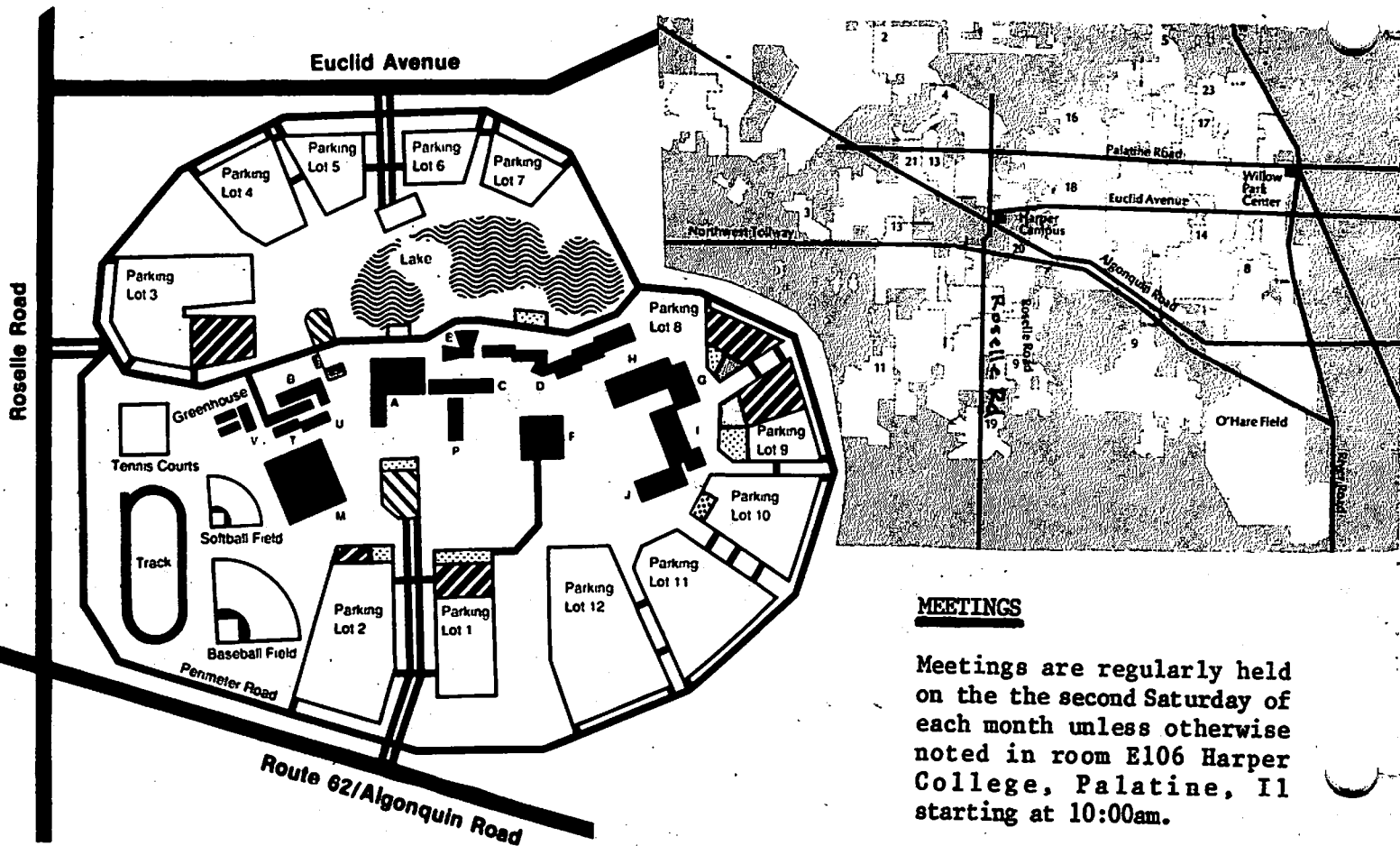
MIDDLETOWN, NJ
07748

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-FORWARDING REQUESTED

-ADDRESS CORRECTION REQUESTED



MEETINGS

Meetings are regularly held on the the second Saturday of each month unless otherwise noted in room E106 Harper College, Palatine, IL starting at 10:00am.